

FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886



PHONE: 860-442-0553
www.waterfordct.org

AGENDA
REPRESENTATIVE TOWN MEETING
REGULAR MEETING
Revised (Item 3 added)
Monday, October 2, 2023
7:00pm – Waterford Town Hall

RECEIVED FOR RECORD
WATERFORD, CT
2023 SEP 22 P 12:35
ATTEST: *David J. Langford*
TOWN CLERK

- A. Pledge of Allegiance
- B. Roll Call
- C. To consider and act upon the minutes of the August 7, 2023 Regular Meeting.
- D. Correspondence
- E. Public Comment
- F. Committee reports and referrals
- G. Appointee & Liaison updates
- H. Transaction of Business on the Call;
 - 1. To consider and act upon a recommendation from the Board of Finance for an additional appropriation in the amount of **\$755,369** from the **Undesignated Fund Balance Line** of the **Capital Nonrecurring Expenditure Fund (CNR) Line #205-31520** to **Line #20531-57816 (Old Norwich Road Pump Station)**.
 - 2. To consider and act upon a recommendation from the Board of Finance for an appropriation in the amount of **\$6,547.47** from the **Undesignated Fund Balance Line** of the **Capital Nonrecurring Expenditure Fund (CNR) Line #205-31520** to **Line #20501-57639 (Revaluation)**.
 - 3. NE Edge Data Center Status Update.
 - 4. To consider and act upon a motion to discuss security matters pertaining to Waterford Town Buildings and Schools in Executive Session.
 - 5. To consider and act upon a recommendation from the Board of Finance for an additional appropriation in the amount of **\$1,982,900** from the **Undesignated Fund Balance Line** of the **Capital Nonrecurring Expenditure Fund (CNR) Line #205-31520** to **Line #20560-57842 (School Security)** for safety measures for town and school facilities.
- I. New Business
- J. Adjournment



C

MINUTES
REPRESENTATIVE TOWN MEETING
Regular Meeting
August 7, 2023

RECEIVED FOR RECORD
WATERFORD, CT
2023 AUG -9 A 11:11
ATTEST: *[Signature]*
TOWN CLERK

Moderator Paul Goldstein called the August 7, 2023 Regular Meeting of the Representative Town Meeting to order at 7:00 P.M.

PLEDGE OF ALLEGIANCE

ROLL CALL

PRESENT: Michael Bono, Jennifer Bracciale, Mary Childs, Harry Colonis, Timothy Condon, Thomas J. Dembek, Susan Driscoll, Timothy Fioravanti (7:25), Steve Garvin, Nick Gauthier, Kevin Girard, Paul Goldstein, Kristin Gonzalez, Ryan Healy, Lindsay Khan, Jennifer Kohl, Cheryl Larder, Theodore Olynciw, Dan Radin, Michael Rocchetti, Danielle Steward-Gelinas, David Sugrue, David Welch

ABSENT: Kyrach Augmon Bossa, Richard Holmes

EX-OFFICIO MEMBERS PRESENT: First Selectman Robert J. Brule, Selectman Richard Muckle, Chair of the Board of Education Pat Fedor

EX-OFFICIO MEMBERS ABSENT: Chair of the Board of Finance Glenn Patterson

ALSO PRESENT: Town Clerk David L. Campo, Town Attorney Robert Avena, and Finance Director Kim Allen

AGENDA ITEM C – June 5, 2023 Regular and June 22, 2023 Special Meeting Minutes

MOTION by Steward-Gelinas, seconded by Bracciale, to approve the June 5, 2023 and the June 22, 2023 Minutes as presented.

MOTION PASSED: Unanimous

AGENDA ITEM D - CORRESPONDENCE:

The following items were received for correspondence: American Rescue Funds Quarterly Report, Capital Project Quarterly report, a letter requesting the acceptance of a contributed gift from Finance Director Kim Allen. Recommendations from the Republican Town Committee for the Ethics Commission and Police Commission vacancies. Recommendations from the Democratic Town Committee for the Police Commission vacancy. Letter of interest, resume, and written public comment from Christopher Jones and Christopher Gamble. A committee report from Public Health, Recreation and Environment Standing Committee Chair Michael Bono. An item in regard to vacant properties and a project status report on the Oswegatchie Fire House Building Committee from RTM Member Ted Olynciw.

PUBLIC COMMENT

Police Commission Member Christopher Gamble spoke in regard to his desire to be appointed to the Police Commission. (See Attachment)

Christopher Jones submitted a letter of Public Comment in regard to his desire to be appointed to the Police Commission. (See Attachment)

AGENDA ITEM F – COMMITTEE REPORTS AND REFERRALS

It was noted that a committee report was received from Public Health, Recreation and Environment and could be addressed in New Business. (See Attachment)

CALL ITEM 1 – Community Center Building Management Upgrade

PRESENTATION: Director of Public Works Gary Schneider

MOTION by Steward-Gelinas, seconded by Bono, to approve a recommendation from the Board of Finance for an appropriation in the amount of **\$300,000** from the **Unassigned Fund Balance of the General Fund** for a new **Capital Non-Recurring Project** (account to be determined) for Community Center Building Management System (BMS) Upgrades.

MOTION PASSED: Unanimous

MOTION by Olynciw, seconded by Gonzalez, to waive the 15 day waiting period.

MOTION PASSED: 21-2-0 (Larder, Radin voted against)

CALL ITEM 2 – Telephone System Upgrade

PRESENTATION: Directors of Information Technology, Mark Geer (BOE) and Jeffrey Robillard (Town)

MOTION by Steward-Gelinas, seconded by Dembek, to approve a recommendation from the Board of Finance for an additional appropriation in the amount of **\$581,700** from the **CNR Undesignated Fund Balance Line #205-31520 to Capital Non-Recurring Project Line #20547-57860 (Telephone System Upgrade)**.

MOTION PASSED: Unanimous

MOTION by Bono, seconded by Condon, to waive the 15 day waiting period.

MOTION PASSED: 21-2-0 (Larder, Radin voted against)

CALL ITEM 3 – Town-Wide Camera System

PRESENTATION: Director of Information Technology Jeffrey Robillard.

MOTION by Steward-Gelinas, seconded by Rocchetti, to approve a recommendation from the Board of Finance for an appropriation in the amount of **\$84,914** from **Capital and Non-Recurring Project Line #20547-57847 (Town-Wide Camera System)**.

MOTION PASSED: 22-1-0 (Larder against)

CALL ITEM 4 – Fiber Upgrade

PRESENTATION: Director of Information Technology Jeffrey Robillard.

MOTION by Steward-Gelinas, seconded by Dembek, to approve a recommendation from the Board of Finance for an appropriation in the amount of **\$1,126** from **Capital and Non-Recurring Project Line #20547-57846 (Fiber Upgrade)**.

MOTION PASSED: Unanimous

CALL ITEM 5 – Curb Replacement/Sandy Hollow Drive

PRESENTATION: Director of Public Works Gary Schneider

MOTION by Steward-Gelinas, seconded by Dembek, to approve a recommendation from the Board of Finance for an additional appropriation in the amount of **\$100,000** from the **Unassigned Fund Balance of the General Fund to Line #33023-55901 (Curb replacement/Sandy Hollow Road).**

A friendly amendment was requested by Gauthier, and accepted to change "Road" to "Drive".

MOTION PASSED: 22-1-0 (Larder against)

CALL ITEM 6 – Town Hall Bathroom Renovations

PRESENTATION: Director of Public Works Gary Schneider

MOTION by Steward-Gelinas, seconded by Rocchetti, to approve a recommendation from the Board of Finance for an appropriation in the amount of **\$180,000** from the **CNR Undesignated Fund Balance Line #205-31520 to Capital Non-Recurring Project Line #20511-57879 (Town Hall Bathroom renovations)**

MOTION by Larder, seconded by Rocchetti, to reduce the request by **\$55,000** for a new total of **\$125,000.**

MOTION PASSED: Unanimous

ORIGINAL MOTION WITH AMENDMENT

MOTION PASSED: Unanimous

MOTION by Driscoll, seconded by Steward-Gelinas, to waive the 15 day waiting period.

MOTION PASSED: 22-1-0 (Larder voted against)

CALL ITEM 7 – Plastic Water Service Connections

PRESENTATION: Director of the Utility Commission James Bartelli

MOTION by Steward-Gelinas, seconded by Bono, to approve a recommendation from the Board of Finance for an additional appropriation in the amount of **\$181,300** from the **CNR Undesignated Fund Balance Line #205-31520 to Capital Non-Recurring Project Line #20531-57881 (Plastic water Service Connections).**

MOTION PASSED: Unanimous

CALL ITEM 8 – Old Norwich Road Paving

PRESENTATION: Director of Public Works Gary Schneider, Director of the Utility Commission James Bartelli

MOTION by Steward-Gelinas, seconded by Dembek, to approve a recommendation from the Board of Finance for an appropriation in the amount of **\$1,053,000** for a new **Capital Non-Recurring Project (number to be determined), Old Norwich Road Paving** from the **Unassigned Fund Balance of the General Fund.**

MOTION PASSED: Unanimous

CALL ITEM 9 – Ethics Commission Appointment

NOMINATION by Steward-Gelinas, seconded by Rocchetti, to appoint Alan Messier, 63 Colonial Drive, as a Regular Member of the Ethics Commission. (Term 02/07/2022 – 02/05/2024)

VOTING IN FAVOR: Unanimous

MESSIER appointed to the Ethics Commission.

CALL ITEM 10 – Police Commission

NOMINATION by Rocchetti, seconded by Bracciale, to appoint Christopher Jones, 14 Twin Lakes Drive, as a member of the Police Commission. (Term 08/07/2023 – 08/02/2027)

NOMINATION by Bono, seconded by Radin, to reappoint Christopher Gamble, 18 Cottage Lane, as a member of the Police Commission (Term 08/07/2023 – 08/02/2026)

VOTING IN FAVOR of JONES: Bracciale, Colonis, Condon, Dembek, Garvin, Girard, Goldstein, Rocchetti, Steward-Gelinas, Sugrue

VOTING AGAINST JONES: Bono, Childs, Driscoll, Fioravanti, Gauthier, Gonzalez, Healy, Khan, Kohl, Larder, Olynciw, Radin, Welch

JONES failed to get Majority

VOTING IN FAVOR OF GAMBLE: Bono, Childs, Condon, Driscoll, Fioravanti, Gauthier, Girard, Gonzalez, Healy, Khan, Kohl, Larder, Olynciw, Radin, Sugrue, Welch

VOTING AGAINST GAMBLE: Bracciale, Colonis, Dembek, Garvin, Goldstein, Rocchetti, Steward-Gelinas
GAMBLE appointed to the Police Commission.

NOMINATION by Gauthier, seconded by Larder, to appoint James Dimmock, 10 Old Barry Road, as a member of the Police Commission. (Term 08/07/2023 – 08/02/2027)

VOTING IN FAVOR OF DIMMOCK: Bono, Childs, Driscoll, Fioravanti, Gauthier, Girard, Gonzalez, Healy, Khan, Kohl, Larder, Olynciw, Radin, Welch

VOTING AGAINST DIMMOCK: Bracciale, Colonis, Condon, Dembek, Garvin, Goldstein, Rocchetti, Steward-Gelinas, Sugrue

DIMMOCK appointed to the Police Commission.

NEW BUSINESS:

MOTION by Dembek, seconded by Rocchetti, to add to the agenda a request from Finance Director Kim Allen to deposit a check for \$15,000 from the Gardiner Family Foundation to be used for Town of Waterford's Children Support Services.

MOTION PASSED: Unanimous

MOTION by Dembek, seconded by Rocchetti, to approve a request from Finance Director Kim Allen to deposit a check for \$15,000 from the Gardiner Family Foundation to be used for Town of Waterford's Children Support Services.

MOTION PASSED: Unanimous

Representative Condon noted that the body has still not received the steering document and strategic plan from the Fire Services Review Special Committee that outlines procedures, staffing, performance and any findings/recommendations that will enhance public safety in regard to fire services. This was part of the committee's original charge. The decision to approve an Oswegatchie Fire Station Building Committee was facilitated by the fact that this report would be provided.

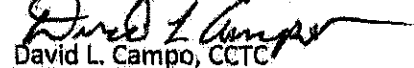
Representative Dembek informed the body that he had information in response to Olynciw's report (See attachment) and would forward that to him.

Representative Bono, Chair of the Public Health, Recreation and Environment Standing Committee, noted that due to time restraints he would introduce his committee's findings at the October Meeting of the RTM.

Representative Olynciw will to discuss his concerns over town owned vacant properties at the October Meeting of the RTM.

MOTION by Rocchetti, seconded by Colonis, to adjourn passed unanimously at 9:23 P.M.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "David L. Campo", written over the printed name.

David L. Campo, CCTC

Town Clerk

Public Input for Monday August 7, 2023 RTM meeting

August 6, 2023

To the Waterford Representative Town Meeting:

The purpose of this letter is to express my interest in reappointment to the position of police commissioner on Waterford's Board of Police Commission. I have served in this capacity since October of 2020, I appreciate and value the opportunity to sit on this commission and hope to continue my service. If reappointed I will continue to act objectively and fairly. My decisions will continue to be based on facts and I will continue to listen to and be open to the thoughts and ideas of the other police commissioners and the police chief and his support staff. Ultimately my voting record will be indicative of what I believe is in the best interest of the citizens of Waterford and the staff and personnel of the Waterford Police Department.

Sincerely,

Christopher M. Gamble

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WATERFORD, CT
2023 AUG - 7 A 10:28
ATTEST 
TOWN CLERK

CHRISTOPHER R. JONES

August 7, 2023

RTM Meeting

Good afternoon, members of the RTM.

I am currently on vacation and regrettably cannot deliver my public comment to you in person.

I respectfully request your endorsement for the Republican Police Commission position. My experience on various local boards and my activity within the Waterford community make me the best fit for this position, and I ask that you consider my request.

Waterford has been my home since 1987. I have been a long-standing member of the Jordan Fire Department, served on the Waterford Week Committee, and was elected to the Board of Education in 2016. I am a member of several local boards that impact Waterford citizens, like the Juvenile Review Board.

Words cannot express the passion I have to be named to the Waterford Police Commission. As an African American man, I feel it is vital to have a commission that includes someone with the skillset, experience, education, and love for our community that I have. It is also critical to have a diverse commission; gender, skin color, age, skill sets, and previous board experience are all important qualities to look for when comprising a board. The current board doesn't offer a lot of diversity, and my presence on it is a step in the right direction.

Because the Police Commission is a civilian oversight board, my qualifications make me an asset. I've worked hard while serving on many boards to create transparency and accountability procedures. I strongly believe in taking care of people, including offering mental health, finance, and education support as needed. My greatest strength is my ability to work with all people in a bipartisan and collegial manner. Judgments made by me are based on facts and evidence. I do my research, and I look out for the greater best interest.

I understand I will need to resign as a member of the Board of Education if appointed to the Police Commission. Please know I've attended 97% of the Waterford BOE meetings and 95% of the Juvenile Review Board meetings while serving. It is rare for me to miss meetings, and I take my roles quite seriously. I've enjoyed my time as a BOE member, especially the initiative to reduce energy costs in all school buildings. However, I am seeking a new opportunity to use my skill set and knowledge to better our community.

Your support for me as the Republican Police Commission member is greatly appreciated. I hope you'll refer to my resume and cover letter for specifics about my qualifications. Thank you for your time.

PO BOX 498
WATERFORD, CONNECTICUT 06385
860-625-4311
CRFROGG@GMAIL.COM

RECEIVED FOR RECORD
WATERFORD, CT
AUG - 7 P 12:44
TEST: [Signature]
TOWN CLERK

FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886



PHONE: 860-442-0553
www.waterfordct.org

PUBLIC HEALTH, RECREATION AND ENVIRONMENT STANDING COMMITTEE OF THE
RTM COMMITTEE REPORT
Review of the Noise Ordinance (Chapter 9.06 — Noise Control), rtc 10/4/2022

Background

At the RTM Regular Meeting on October 4, 2022 following public comment and discussion The RTM voted unanimously to refer the review of the Noise Ordinance (Chapter 9.06 — Noise Control) to the Public Health Recreation & Environment Standing Committee of the RTM

Summary

This committee met February 22, 2022, June 30, 2022, August 30, 2022, January 30, 2023 and July 12, 2023. The committee met to discuss goals and objectives at its February 22, 2022 meeting. The committee tasked the town attorney at its June 30, 2022 meeting with research related to those goals and objectives. The town attorney presented research to the committee at the August 30, 2022 meeting. At the January 30, 2023 meeting the committee heard input from the Town Attorney and the Chief of Police. The Committee decided that making the ordinance more enforceable may be too restrictive to residents and businesses. The committee then tasked the Chair with drafting a letter to be sent from the RTM to Planning and Zoning to address residents' concerns. On July 12, 2023 the committee reviewed and amended the Chair's letters for consideration of the body.

Recommendation

At the July 12, 2023 meeting the committee unanimously recommended the issue out of committee with no action taken to ordinance, but recommended the RTM forward the attached letter to Planning and Zoning.

Attachments

Minutes and supporting documents available online and/or by request.

Respectfully submitted,
Michael Bono
Committee Chair

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WATERFORD, CT
2023 AUG -4 P 2:34
ATTEST: *[Signature]*
TOWN CLERK

July 12, 2023

To: Mr. Paul Goldstein, Moderator RTM

At the RTM Regular Meeting on October 4, 2021 following public comment and discussion The RTM voted unanimously to refer the review of the Noise Ordinance (Chapter 9.06 — Noise Control) to the Public Health Recreation & Environment Standing Committee of the RTM. The standing committee convened four times since receiving its charge. After considerable research and deliberation the consensus of the Public Health, Recreation and Environment standing committee of the RTM is that creating a more enforceable ordinance may be too restrictive to residents and businesses.

Residents expressed through counsel at the January 30, 2023 Public Health, Recreation and Environment Standing Committee meeting, that the remedy to their concern best be addressed through the Planning and Zoning Commission and not through ordinance. Thus, the Standing Committee recommends the RTM asks the Planning and Zoning Commission to review its process of issuing special permits to address the potential confluence of residential and commercial zones. Please see attached letter the Committee recommends for the RTM to forward to the Planning and Zoning Commission.

Sincerely,

Michael A. Bono
Chair Public Health, Recreation and Environment
District 4 - Representative Town Meeting

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WATERFORD, CT
2023 AUG - 4 P 2:34
ATTEST: *[Signature]*
TOWN CLERK

Proposed letter from RTM (through Moderator Paul Goldstein to P & Z Chair Gregory Massad)

Dear Chairman Massad:

I am writing on behalf of the Representative Town Meeting which voted at its August 6, 2023 meeting, per the recommendation of the Public Health, Recreation and Environment Standing Committee, to communicate to the Planning and Zoning Commission the RTM's request that the Commission consider revisiting the process under which special permits may be issued for outdoor accessory dining. The Standing Committee conducted a number of meetings in late 2022 and early 2023 to consider potential amendments and garnered input from many residents regarding potential strategies for mitigating the effects of music associated with outdoor dining emanating from commercial activities. Since the issuance of these special permits there have been public disturbances that have been communicated to the Public Health, Recreation and Environment Committee that the Town was unable to address. This is in part why we are asking you to review issuance of these special permits. The clear sentiment expressed to the Standing Committee was that the better approach to addressing this issue was potential revisions to the outdoor dining special permit process rather than amending our current noise ordinance.

The Standing Committee asked the full RTM to pass on this suggestion to your Commission while recognizing that such potential revisions to your regulations is fully within the purview of your Commission. On behalf of the RTM, we appreciate your consideration of this request. The Subcommittee report summarizing PHRE committee deliberations is attached.

Sincerely,

Paul Goldstein
Moderator RTM

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WATERFORD, CT
2023 AUG - 4 P 2:34
ATTEST: *David H. Lange*
TOWN CLERK

August 3, 2023

Memo to: RTM

From: Ted Olynciw, Member of the Building Committee

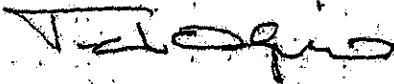
Re: Oswegatchie Fire House Building Committee

PROJECT STATUS

1. There is no contract agreement in place between the Town and the Fire Company regarding the transfer of the land to the Town of Waterford. The Fire Company also requires a lease for the building and grounds. Our Town Attorney is working with the Attorney representing the Fire Company.
2. The Committee hired a consultant to assist the Town's Purchasing Department to develop a Request for Proposal (RFP) for Architectural and Engineering services using the existing plans prepared by the previous Architect DRA.
3. Both the Building & Fire Marshall's Department have no records of any septic or fuel oil tanks ever being installed, removed, or replaced. Therefore, the Committee will be asking the Town's Purchasing Dept. to request bids for a Phase I Environmental Survey of the property.
4. The Committee will start discussing Space & Size needs at its next meeting.

Respectfully submitted,

Ted Olynciw, RTM Rep. 2nd District and member of this Committee



62 Twin Lakes Drive

Waterford, CT 06385

ATTESSE: [Signature]
TOWN CLERK

2023 AUG -4 P 2:39

RECEIVED FOR RECORD
WATERFORD, CT

Subject: District 4 Concerns Regarding Proposed Data Centers at Millstone

To: Waterford RTM and Board of Selectmen

From: Representative Dan Radin, District 4

Date: September 8, 2023

RECEIVED FOR RECORD
WATERFORD, CT

2023 SEP -8 A 11:30

D

Dear RTM and Board of Selectmen —

I am writing to share the concerns of District 4 residents who have contacted me regarding the proposed Data Center at Millstone.

While it is my understanding from speaking with Town Attorney Kepple that the RTM has no authority over the Board of Selectmen's vote authorizing the First Selectman to sign the Memorandum of Understanding (MOU) with the NE Edge, the Data Center developer, this memo seeks to elevate the voices within our community who are concerned about this project.

NOISE IMPACT

Many residents are deeply concerned about the potential noise impact of the Data Center on their homes and community. They believe that the noise measurement provisions in Section 8 of the MOU do not adequately protect our town. Here are some of the concerns raised about noise by residents:

- **Bias:** The MOU relies on the Owner's Consultant for sound analysis and design, which raises concerns about their bias in favor of the Data Center operator. There is a need for a more balanced and impartial evaluation process.
- **Lack of Specific Noise Standards:** The MOU does not specify the actual noise standards or criteria that must be met, leaving room for ambiguity and potential disputes about what constitutes an acceptable noise level.
- **Limited Community Input:** The MOU does not clearly outline opportunities for meaningful community input into the sound analysis and design process, which could leave residents excluded from decisions that directly affect their quality of life.
- **Enforcement and Compliance:** The MOU does not clearly define how non-compliance with noise standards will be addressed or enforced, leaving the town potentially vulnerable to noise-related issues.
- **Lack of Flexibility:** The MOU does not provide mechanisms for adapting to changing legislation, circumstances, or addressing unforeseen issues related to noise pollution over time.

In my February 20 memo to the RTM and BoS, I recommended that:

- *The First Selectman condition signing on NE Edge committing to take all available measures to design the proposed data centers with architectural, construction, and material considerations to minimize the noise inherent to operating data centers.*
- *The town engage an independent noise control engineer to interpret the Owner's Consultant design report and provide guidance to the town in determining if additional measures should be taken in designing the data centers to minimize noise.*

- *The First Selectman, in concert with the independent noise control engineer and NE Edge and its Owner's Consultant, develop and publish a noise response plan so that if a noise complaint arises in the community, both Waterford and NE Edge would have a predetermined set of actions to be taken to rapidly address community concerns.*

I continue to stand by these recommendations on behalf of our town and community. To further reiterate from that memo, "We can deal with it now, or we *will* deal with it later, with unhappy constituents. It is a certainty."

To mitigate the concerns and vulnerabilities of Section 8 of the MOU, it is essential to establish clear, specific, and impartial noise standards, involve the community in the evaluation process, and establish transparent mechanisms for enforcement and compliance. The MOU should be revised to ensure it provides sufficient protections for the town and residents in case of legislative changes or unforeseen issues related to noise impact.

SPECIAL MEETING HELD ON SHORT NOTICE

Many residents felt excluded from participation in public commentary due to inadequate communication and short notice of the February 22, 2023 Joint Special Meeting of the Board of Selectmen and RTM regarding the Data Center project. Residents expressed the following concerns:

- **Inadequate Public Communication:** Many community members were unaware of the Special Meeting until it had occurred. The ineffective public communication left residents feeling excluded from the decision-making process in their town.
- **Perceived Exclusion:** Residents feel that the Special Meeting was organized in a way that was designed to minimize public commentary and participation, undermining transparency and community engagement.

ENVIRONMENTAL IMPACT

Residents raised many issues with the potential environmental impact.

- **Energy Consumption:** While the deal framework—connecting the Data Centers directly to Millstone nuclear power—is commendable in that it portends to incentivize Dominion to continue operating Millstone, residents raised two concerns: what would happen in the case that Dominion made the future decision to cease operating Millstone and where the energy would come from to supply the Data Centers in that case; and if the energy consumption by the Data Centers might lead to more consumption of carbon-based energy by the town and region if the Data Centers' usage were to push Millstone to capacity.
- **Cooling:** Data Centers generate substantial heat, requiring extensive cooling systems. The extraction of large amounts of water for cooling purposes can impact town water resources and aquatic ecosystems. The release of warm water back into local water bodies can also affect aquatic life.
- **Air Emissions:** Data Centers can release air pollutants, including particulate matter and volatile organic compounds through their cooling and ventilation systems. These emissions can have adverse effects on air quality and public health.

- **Noise Pollution:** As previously noted, Data Centers can produce noise from their equipment and cooling systems. Excessive noise levels can disrupt the local environment and negatively impact the quality of life for residents.
- **Water Usage and Quality:** Data Centers require a reliable water supply for cooling, and the withdrawal of significant amounts of water can strain local water sources. Additionally, as previously noted, the discharge of water used for cooling back into the environment can potentially impact water quality.
- **Habitat Disruption:** The construction and operation of Data Centers can disrupt local habitats and ecosystems. This may include the clearing of vegetation and potential displacement of wildlife.
- **Long-Term Sustainability:** The long-term sustainability of Data Centers and their environmental impact should be considered. As technology evolves, the Data Centers may become obsolete or require upgrades, potentially leading to further environmental consequences.

POTENTIAL LEGAL FLAWS, RISKS, AND VULNERABILITIES

Residents who are attorneys reviewed the MOU and identified potential flaws that may leave Waterford vulnerable to future litigation or problems without recourse. Additionally, they point out that the current legislation governing data centers may be subject to change given the evolving technology landscape. Here are concerns with the MOU:

- The MOU **lacks specificity** in some areas, such as the exact locations and sizes of the proposed Data Centers, the timeline for development, and details on infrastructure needs. This could create uncertainty for Waterford.
- Waterford should clarify its rights related to approving **project changes** or amendments. As written, NE Edge has broad discretion to change plans but Waterford has little recourse.
- The MOU does not discuss impacts on **municipal infrastructure and services**. Waterford should consider analyzing increased demands on water, sewer, roads, emergency services, etc.
- While NE Edge must meet certain green building standards, the MOU lacks detail on other **environmental impacts** and mitigation measures. Issues like noise, emissions, waste disposal etc. should be addressed.
- The MOU is silent on impacts to the local community **during construction**. Waterford may want to negotiate controls and limits on traffic, noise, dust control, hours of operation etc.
- Waterford should ensure the MOU considers the possibility of **Dominion decommissioning** the Millstone nuclear power plant and how that would impact this project and agreement.
- The MOU provides for *limited access to the Data Centers by the town*. Waterford should negotiate more **oversight and inspection rights**.
- Waterford should ensure it has adequate **security to cover the supplemental payments** if they are not made as required.
- The MOU lacks specificity on **job creation, use of local labor**, and other local economic impacts. Waterford should negotiate community benefit provisions.

- The MOU does not discuss **compliance with state and local laws and regulations**. Language should be added to address permitting, zoning, codes, etc.
- The MOU provides NE Edge broad **rights to assign** the agreement. Waterford may want to restrict assignments or require town approval.
- The **termination provisions** may not provide enough flexibility or protection for Waterford if circumstances change.
- Waterford should ensure it has adequate remedies in case of **default by NE Edge**. The town's legal rights should be strengthened.
- Tax abatements are not currently tied directly to measurable **job and economic goals** to protect Waterford's interests.

It is our duty as democratically elected representatives to consider and address the concerns raised by constituents. We must prioritize the wellbeing and interests of the community.

I urge the Board of Selectmen to thoroughly investigate and seek to understand these concerns, engage with relevant subject-matter experts, and listen to the community in the dual interests of protection of, and benefit to our town.

Sincerely,
Dan Radin
Representative, District 4



WATERFORD POLICE DEPARTMENT
41 AVERY LANE
WATERFORD, CT 06385-2819



Marc Balestracci
Police Chief

(860) 442-9451 TEL
mbalestracci@waterfordct.org

To: Paul Goldstein- Moderator of the RTM
Cc: David Campo-Town Clerk
From: Marc Balestracci, Chief of Police
Date: August 15, 2023
Re: All-terrain vehicle ordinance consideration

Moderator Goldstein,

In the State of Connecticut, including New London County, police departments have been challenged by the illegal operation of dirt bikes and ATVs on public roads. Oftentimes, large groups of individuals coordinate efforts to illegally use public roadways with these vehicles, which create extremely dangerous and confusing situations.

As the laws in Connecticut restrict some of the abilities of police to combat these street takeovers, departments in southeast Connecticut have coordinated efforts recently in hopes of better preparing for and potentially seeking arrest warrants for those found involved.

During the discussions with other police departments, the City of New London ordinance referencing these activities was mentioned as being yet another potential coordinated effort to combat this dangerous activity.

Therefore, I am respectfully requesting that the Representative Town Meeting have a committee review the City of New London ordinance, which is attached, in consideration of drafting a similar ordinance in Waterford. I would also request that I speak with the committee, if assigned, as there may be certain areas of the ordinance that may be different than the one provided by the City of New London.

Thank you for any consideration,

Marc Balestracci
Chief of Police
Waterford Police Department

RECEIVED FOR RECORD
WATERFORD, CT
2023 AUG 15 A 10:51
ATTEST: David H. Campo
TOWN CLERK

Sec. 20-11. All-terrain vehicles, mini bikes, mini motorcycles and dirt bikes on streets and public property prohibited.

- (a) *Definitions.* The following words, terms and phrases, when used in this section, shall have the meanings ascribed to them in this section:

All-terrain vehicle means a self-propelled vehicle designed to travel over unimproved terrain and which has been determined by the commissioner of motor vehicles to be unsuitable for operation on the public highways and also defined as any three (3) or more wheeled motorized vehicle, generally characterized by large, low-pressure tires, a seat designed to be straddled by the operator and handlebars for steering, which is intended for off-road uses by an individual rider on various types of non-paved terrain. Such vehicles do not include trail bikes, golf carts, agricultural tractors, farm implements and construction machines.

All-terrain vehicle dealer means any person engaged in the business of manufacturing, selling, leasing or renting all-terrain vehicles, mini bikes, as defined by this section, mini-motorcycles, as defined by this section, or dirt bikes, as defined by this section, at retail having a regular and established place of business within the city.

Dirt bike shall mean a two-wheeled motorized recreational vehicle designed to travel over unimproved terrain and not designed for travel on a highway, and also defined pursuant to General Statute § 14-390m(d) as may be amended.

Mini-motorcycle shall mean a vehicle that has not more than three (3) wheels in contact with the ground, has a manufactured seat height of less than twenty-six (26) inches measured at the lowest point on top of the seat cushion without the ride, and is propelled by an engine having a piston displacement of less than fifty (50) c.c.

Pocket bikes, mini bikes, mini sport bikes, mini dirt bikes, chopper scooters, motor scooters, bicycles with helper motors, and any other similar vehicle (hereinafter collectively "mini bikes") shall mean any wheeled vehicle designed to transport one (1) or more persons that is powered by any type of motor.

As used in this section, "all-terrain vehicle", "mini bike", "mini motorcycle" and "dirt bike" shall not include the following:

- (1) Any registered "motorcycle" as defined in General Statute § 14-1(46);
- (2) Any registered "motor vehicle" as defined in General Statute § 14-1(47);
- (3) Any moped that meets Federal Department of Transportation guidelines for use on streets and is approved by the State of Connecticut Department of Motor Vehicles for use on streets, provided, however, the moped is operated pursuant to all applicable state laws, rules, and regulations and all city ordinances;
- (4) Any wheelchair or similar mobility assisting device utilized by a person with a physical disability or whose ambulatory mobility has been impaired due to age or physical ailment;
- (5) Any self-propelled snow plow, snow blower or lawn mower when used for the purpose for which it was designed and operated at a speed not to exceed four (4) miles per hour;
- (6) Any vehicle owned or leased by the city; and
- (7) Any electronic assistive mobility device as defined by the City Code.

- (b) *Operations prohibited.*

- (1) It shall be unlawful for any person to operate an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike and/or for any owner of an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike to knowingly permit the operation of his/her all-terrain vehicle, mini bike, mini motorcycle, or dirt bike on any street

or sidewalk in the city or on any public property, including but not limited to school property, playgrounds and parks, within the city.

- (2) It shall be unlawful for any person to ride as a passenger on an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike and/or for any owner of an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike to knowingly permit any person to ride as a passenger on his/her all-terrain vehicle, mini bike, mini motorcycle, or dirt bike operated in violation of subsection (1) above.
- (3) It shall be unlawful for any person to operate an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike, ride as a passenger on an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike, and/or for any owner of an all-terrain vehicle or mini cycle to knowingly permit its operation on any private property, within the city, without first obtaining the written permission of the property owner if the property is not owned by the operator, passenger, and/or owner of the all-terrain vehicle, mini bike, mini motorcycle, or dirt bike.
- (4) This section shall not be applicable to any dirt bike being operated upon any road or highway provided that, (i) said dirt bike is properly and validly registered with the Connecticut Department of Motor Vehicles and (ii) is being operated in compliance with all applicable motor vehicle laws of the state.

(c) *Penalty.*

- (1) Any person who operates an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike in violation of subsection (b)(1) and/or (b)(3) above, or is the owner of an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike who knowingly permits its operation in violation of subsection (b)(1) and/or (b)(3) above, shall be fined up to one thousand dollars (\$1,000.00) for a first violation, shall be fined up to one thousand five hundred dollars (\$1,500.00) for a second violation, and shall be fined up to two thousand dollars (\$2,000.00) for a third or subsequent violation.
 - (2) Any person who rides as a passenger on an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike in violation of subsection (b)(1) above, or is the owner of an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike who knowingly permits a passenger to ride on his/her all-terrain vehicle, mini bike, mini motorcycle, or dirt bike in violation of subsection (b)(2), shall be issued a citation.
 - (3) Any police officer that observes any person in violation of this section may detain such person for purposes of enforcing the provisions of this section. Any all-terrain vehicle, mini bike, mini motorcycle, or dirt bike used in violation of this section shall be seized by any police officer and shall be forfeited to the city, subject to any bona fide lien, lease or security interest in the all-terrain vehicle, mini bike, mini motorcycle, or dirt bike, including, but not limited to, a lien under General Statute § 14-66c.
 - (4) Any all-terrain vehicle, mini bike, mini motorcycle, or dirt bike ordered forfeited pursuant to this section shall be either (i) sold at public auction conducted by the city, with the proceeds of such sale being paid to the treasurer of the city who shall deposit such proceeds into the general fund of the municipality, or (ii) be destroyed by the city.
- (d) *Posting by all-terrain vehicle dealer.* Each all-terrain vehicle dealer offering for sale, lease or rental any all-terrain vehicle, mini bike, mini motorcycle, or dirt bike shall post this section in a prominent location at said all-terrain vehicle dealer's place of business. Any all-terrain vehicle dealer who violates any provision of this section shall be fined one hundred dollars (\$100.00).
- (e) *Sale of gasoline for illegal purposes.*
- (1) No retail dealer of gasoline shall sell, offer for sale, or attempt to sell, any article or product represented as gasoline for use in an all-terrain vehicle, mini bike, mini motorcycle, or dirt bike as defined in this section, unless that vehicle is conveyed to and from the retailer's premises by a registered motor vehicle, as defined in General Statute § 14-1, as may be amended, and no individual shall purchase or attempt to purchase gasoline for this purpose.

-
- (2) Signs with the words "FUELING OF UNAUTHORIZED VEHICLES PROHIBITED" in English and "PROHIBIDO DESPACHAR GASOLINA A VEHICULOS NO AUTORIZADOS" in Spanish at least one (1) inch in height with a contrasting margin shall be posted at all dispensing locations. The location of warning signs shall be *based on local conditions but shall be visible and legible from all gas pumps.*
 - (3) An individual or retail dealer of gasoline who violates any provision of subsections (1) and/or (2) of this section shall be fined one hundred dollars (\$100.00).

(Ord. No. 06-18-18-3, § 1)

Editor's note(s)—Ord. No. 06-18-18-3, § 1, did not specify manner of inclusion; hence, inclusion as section 20-11 is at the discretion of the editor.

MODERATOR'S REPORT

Representative Town Meeting

October 2, 2023

F

Matters Currently in Standing Committees

LEGISLATION & ADMINISTRATION

Review of Chapter 2.56 – Economic Development Commission, RTC 06/06/22

Review how the RTM considers recommendations for committee assignments,
RTC 06/06/22

Public Act 22-3, an act concerning remote meetings under the freedom of
information act, RTC 02/06/23

Review of a "Public Comment Ordinance" RTC 02/06/23

EDUCATION

FINANCE, WAGE & PERSONNEL

PUBLIC HEALTH, RECREATION & ENVIRONMENT

Review of Noise Ordinance, Noise Control – Chapter 9.06, RTC 10/04/21

Review of Feral Cat Management, RTC 12/05/2022

PUBLIC PROTECTION & SAFETY

Fire Marshal Permits Fee Schedule Ordinance, RTC 10/03/22

PUBLIC WORKS, PLANNING & DEVELOPMENT

Short Term Rentals, RTC 12/06/21

July 12, 2023

To: Mr. Paul Goldstein, Moderator RTM

At the RTM Regular Meeting on October 4, 2021 following public comment and discussion The RTM voted unanimously to refer the review of the Noise Ordinance (Chapter 9.06 — Noise Control) to the Public Health Recreation & Environment Standing Committee of the RTM. The standing committee convened four times since receiving its charge. After considerable research and deliberation the consensus of the Public Health, Recreation and Environment standing committee of the RTM is that creating a more enforceable ordinance may be too restrictive to residents and businesses.

Residents expressed through counsel at the January 30, 2023 Public Health, Recreation and Environment Standing Committee meeting, that the remedy to their concern best be addressed through the Planning and Zoning Commission and not through ordinance. Thus, the Standing Committee recommends the RTM asks the Planning and Zoning Commission to review its process of issuing special permits to address the potential confluence of residential and commercial zones. Please see attached letter the Committee recommends for the RTM to forward to the Planning and Zoning Commission.

Sincerely,

Michael A. Bono
Chair Public Health, Recreation and Environment
District 4 - Representative Town Meeting

RECEIVED FOR RECORD
WATERFORD, CT
2023 AUG -4 P 2:34
TESTE *Michael A. Bono*
TOWN CLERK



PUBLIC HEALTH, RECREATION AND ENVIRONMENT STANDING COMMITTEE OF THE
RTM COMMITTEE REPORT
Review of the Noise Ordinance (Chapter 9.06 — Noise Control), etc 10/4/2022

Background

At the RTM Regular Meeting on October 4, 2022 following public comment and discussion The RTM voted unanimously to refer the review of the Noise Ordinance (Chapter 9.06 — Noise Control) to the Public Health Recreation & Environment Standing Committee of the RTM

Summary

This committee met February 22, 2022, June 30, 2022, August 30, 2022, January 30, 2023 and July 12, 2023. The committee met to discuss goals and objectives at its February 22, 2022 meeting. The committee tasked the town attorney at its June 30, 2022 meeting with research related to those goals and objectives. The town attorney presented research to the committee at the August 30, 2022 meeting. At the January 30, 2023 meeting the committee heard input from the Town Attorney and the Chief of Police. The Committee decided that making the ordinance more enforceable may be too restrictive to residents and businesses. The committee then tasked the Chair with drafting a letter to be sent from the RTM to Planning and Zoning to address residents' concerns. On July 12, 2023 the committee reviewed and amended the Chair's letters for consideration of the body.

Recommendation

At the July 12, 2023 meeting the committee unanimously recommended the issue out of committee with no action taken to ordinance, but recommended the RTM forward the attached letter to Planning and Zoning.

Attachments

Minutes and supporting documents available online and/or by request.

Respectfully submitted,
Michael Bono
Committee Chair

RECEIVED FOR RECORD
WATERFORD, CT
2023 AUG -4 P 2:34
ATTEST
TOWN CLERK

Proposed letter from RTM (through Moderator Paul Goldstein to P & Z Chair Gregory Massad)

Dear Chairman Massad:

I am writing on behalf of the Representative Town Meeting which voted at its August 6, 2023 meeting, per the recommendation of the Public Health, Recreation and Environment Standing Committee, to communicate to the Planning and Zoning Commission the RTM's request that the Commission consider revisiting the process under which special permits may be issued for outdoor accessory dining. The Standing Committee conducted a number of meetings in late 2022 and early 2023 to consider potential amendments and garnered input from many residents regarding potential strategies for mitigating the effects of music associated with outdoor dining emanating from commercial activities. Since the issuance of these special permits there have been public disturbances that have been communicated to the Public Health, Recreation and Environment Committee that the Town was unable to address. This is in part why we are asking you to review issuance of these special permits. The clear sentiment expressed to the Standing Committee was that the better approach to addressing this issue was potential revisions to the outdoor dining special permit process rather than amending our current noise ordinance.

The Standing Committee asked the full RTM to pass on this suggestion to your Commission while recognizing that such potential revisions to your regulations is fully within the purview of your Commission. On behalf of the RTM, we appreciate your consideration of this request. The Subcommittee report summarizing PHRE committee deliberations is attached.

Sincerely,

Paul Goldstein
Moderator RTM

RECEIVED FOR RECORD
WATERFORD, CT
2023 AUG - 4 P 2:34
ATTEST: *Gregory Massad*
TOWN CLERK

FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886



PHONE: 860-442-0553
www.waterfordct.org

1

September 18, 2023

Mr. Paul Goldstein, Moderator
Representative Town Meeting
15 Rope Ferry Road
Waterford, CT 06385

Dear Moderator Goldstein:

At the meeting of the Board of Finance held, Wednesday, September 13, 2023, it was voted to recommend to the Representative Town Meeting a FY24 additional appropriation for **Line Item # 20531-57816** in the amount of **\$755,369** from Undesignated Fund Balance of the Capital Nonrecurring Expenditure Fund (CNR) **Line Item # 205-31520**.

I respectfully request you place this item on the agenda of the next meeting of the Representative Town Meeting. Copies of backup justification are attached hereto.

Respectfully submitted,

Glenn Patterson

Glenn Patterson, Chairman
Board of Finance
Enclosure: Utility Commission-Pump Station

GP/rjh

RECEIVED FOR RECORD
WATERFORD, CT
2023 SEP 19 P 1:18
ATTEST: *David H. Gagne*
TOWN CLERK

6

1000 HARTFORD TURNPIKE



WATERFORD, CT 06385

August 31, 2023

Mr. Rob Brule, First Selectman
Town of Waterford Town Hall
15 Rope Ferry Road
Waterford, CT 06385

Dear Mr. Brule,

The Utility Commission respectfully requests from the Board of Selectmen an additional appropriation of the funds for the Old Norwich Road Wastewater Pump Station Comprehensive Upgrade Project. Competitive bid results for this project were received on August 10, 2023. The lowest bid received was from Holzner Construction in the amount of \$2,113,850.00, bid tabulation attached. Funds currently available for this project are \$1,020,041 in ARPA funds and \$549,825 in CNR L.I. # 20531-57816 for a total amount of \$1,569,866.

An additional funding request in the amount of \$755,369 is hereby requested in order to make up the shortfall of available funding and allow for a 10% contingency in the event unforeseen items are encountered during this comprehensive rehabilitation process.

Thank you.

James A. Bartelli, Director
Utility Commission

Cc: Utility Commission
Kimberly Allen, Director of Finance

Town of Waterford, CT
 Old Norwich Road Sewer Pump Station Upgrades
 Bid#23-126
 BID TABULATION
 Bid Opening: 8/10/2023, 11 am



BIDDER'S NAME					
	Holzner Construction	Tucker Mechanical	Lead Construction	Associated Construction	Lawrence Brunioli
Bid Item	BID	BID	BID	BID	BID
1 Old Norwich Road Pump Station Upgrades, complete	\$2,095,850.00	\$2,243,622.00	\$2,337,000.00	\$2,771,512.00	\$3,111,000.00
2 Undocumented Site Conditions	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$5,000.00
3 Utility Company Service Allowance	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
4 Pump Station remote Monitoring Programming Allowance	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
TOTAL BID AMOUNT (ITEMS 1 THROUGH 4)	\$2,113,850.00	\$2,261,622.00	\$2,355,000.00	\$2,789,512.00	\$3,129,000.00

FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886



PHONE: 860-442-0553
www.waterfordct.org

2

September 18, 2023

Mr. Paul Goldstein, Moderator
Representative Town Meeting
15 Rope Ferry Road
Waterford, CT 06385

Dear Moderator Goldstein:

At the meeting of the Board of Finance held, Wednesday, September 13, 2023, it was voted to recommend to the Representative Town Meeting, an appropriation for **Line Item # 20501-57639** in the amount of **\$6,547.47** from Undesignated Fund Balance of the Capital Nonrecurring Expenditure Fund (CNR) **Line Item # 205-31520**.

I respectfully request you place this item on the agenda of the next meeting of the Representative Town Meeting. Copies of backup justification are attached hereto.

Respectfully submitted,

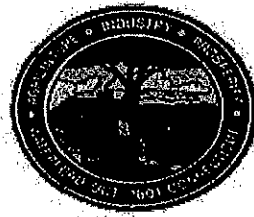
Glenn Patterson

Glenn Patterson, Chairman
Board of Finance
Enclosure: Additional Appropriation-2022 Revaluation

GP/rlh

RECEIVED FOR RECORD
WATERFORD, CT
2023 SEP 19 P 1:18
ATTEST: *[Signature]*
TOWN CLERK

**Assessor's Office
15 Rope Ferry Road
Waterford, CT 06385**



**Phone: (860) 444-5820
Fax: (860) 444-5819**

**To: First Selectman, Rob Brule; Finance Director Kim Allen
From: Paige S. Walton, Assessor
Date: August 7, 2023
RE: Additional Appropriation – 2022 Revaluation**

In completing the 2022 state-mandated revaluation the Town contracted with Federal Appraisal LLC to provide specialized appraisal services specific to Millstone Nuclear Power Plant. A bid waiver in the amount of \$37,000 was approved for the appraisal services by the Board of Selectman in October 2021, however the funds were never appropriated. Services were rendered in July 2022 and the attached invoice for \$19,744.20 was paid from account 20501-57639 (revaluation).

This additional reval-related expenditure was paid out in FY22, resulting in a reduced carry-over balance available in FY23 to cover the remaining revaluation expenses. Account #20501-57639 currently has a deficit of -\$6,547.47.

I am respectfully requesting an additional appropriation in the amount of \$6,547.47 to the CNR account 20501-57639 (revaluation) to cover the year-end deficit.

Thank you for your consideration in this matter.

Sincerely,

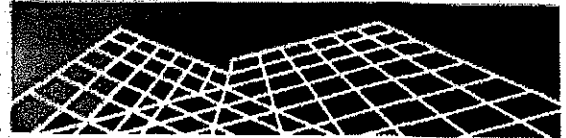
A handwritten signature in black ink that reads "Paige S. Walton". The signature is written in a cursive style and is followed by a long horizontal line.

**Paige S. Walton
Assessor
Town of Waterford**

295 US Highway 22 East, Suite 204E
Whitehouse Station, NJ 08889
908-534-3590
info@federalappraisal.com
federalappraisal.com

Invoice

FEDERAL APPRAISAL LLC



BILL TO

Paige S Walton CCMA II
Town of Waterford, CT
Town of Waterford
Assessor
15 Rope Ferry Road
Waterford, CT 06385

INVOICE #	DATE	TOTAL DUE	ENCLOSED
7729	07/07/2022	\$19,744.20	

DATE		QTY	RATE	AMOUNT
06/16/2022	SPRINGHILL SUITES for Mark Pomykacz			211.60
06/16/2022	SPRINGHILL SUITES for Mary Pomykacz			211.60
06/16/2022	SPRINGHILL SUITES for Amy Lang			211.60
06/16/2022	SPRINGHILL SUITES for Shawn Kavanagh			211.60
06/17/2022	Expense Reimbursement Mileage for Chris Olmsted for Site Inspection	322	0.585	188.37
06/17/2022	Expense Reimbursement Mileage for Mark Pomykacz for Site Inspection	358	0.585	209.43
07/07/2022	Appraisal Services: Power Plants, Utilities Millstone Nuclear Power Plant Retainer and Site Inspection 6-16 & 17-22 Expense Invoice	1	18,500.00	18,500.00

To obtain a PDF of this invoice, click "Pay Invoice", and look for print and download options.

BALANCE DUE

\$19,744.20

APPROVED

VENDOR# 1221
PO# 220389 FY 2022
CLOSE PO Y N X
ACCOUNT # 20501-57839
AMOUNT \$19,744.20
SIGN FW
DATE 7-8-22

EIN/Tax ID: 82-1591070. Our W9 is attached to the invoice email. Due and payable immediately. Interest charges begin accruing after 60 days, at 1% per month from due date. Wire Transfer, ACH and bank routing information is included in the invoice email. Please notify us at kathy@federalappraisal.com, of all electronic payments, in order to receive proper credit.

UPDATE ONLY. No Backup provided.

FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886



PHONE: 860-442-0553
www.waterfordct.org

4,5

September 18, 2023

Mr. Paul Goldstein, Moderator
Representative Town Meeting
15 Rope Ferry Road
Waterford, CT 06385

Dear Moderator Goldstein:

At the meeting of the Board of Finance held, Wednesday, September 13, 2023, it was voted to recommend to the Representative Town Meeting to approve additional appropriation in the amount of **\$1,982,900** to be transferred to Account **20560-57842** from Account **205-31520** Undesignated Fund Balance of the Capital Nonrecurring Expenditure Fund (CNR).

I respectfully request you place this item on the agenda of the next meeting of the Representative Town Meeting. Copies of backup justification are attached hereto.

Respectfully submitted,

Glenn Patterson

Glenn Patterson, Chairman
Board of Finance
Enclosure: Capital Improvement Request

GP/rh

RECEIVED FOR RECORD
WATERFORD, CT
2023 SEP 19 P 1:19
ATTEST: *[Signature]*
TOWN CLERK

To: Finance Director Kim Allen

Cc: First Selectman Rob Brule

From: Jeffrey Robillard-IT Manager Town of Waterford, Marc Balestracci-Chief of Police, Michael Howley-Fire Services Director, Steve Sinagra-Emergency Management Director, Tom Giard-Superintendent of Schools, Mark Geer-IT Director Waterford Public Schools

Date: August 9, 2023

Re: Capital Improvement Request Outside of Budget Cycle

We respectfully request an additional appropriation for a new Capital Improvement Project that is outside of the town's budget cycle. The Town Safety Project, which is a collaboration between IT, Police, Fire, Emergency Management and the Board of Education, has been in review for approximately one year. The participants took the necessary time to review current systems, immediate needs and the future needs to improve the overall safety in Waterford.

The Town Safety Project covers numerous safety measures to include cameras at town and school facilities, physical barriers such as fencing and bollards, signage and other needed supplies as determined by the project managers. The systems that are currently in place are at end-of-life and are in need of replacement and/or upgrade. Additions to existing systems and new systems are all part of the project to ensure the overall safety in town. The IT portions will allow better communication and information gathering before, during or after an incident, whereas the barriers proposed will allow for advanced alerting, increased reaction time and delay and/or interruption to those causing such incidents.

The cost of the project is \$1,888,476 with an additional 5% or \$94,424 for contingency funding for unexpected costs (\$1,982,900). The costs were calculated by speaking with vendors, obtaining quotes and seeking process for labor and materials through various methods. There is no grant funding for this project so the request is sought from town funds as deemed appropriate by the governing boards and commissions.

If approved, we would look to start advancing this project as soon as possible as the time from approval to project start could be significant.

Thank you for any consideration,

**TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2023-2024 FISCAL YEAR REQUEST**

DEPARTMENT/AGENCY

IT/Police/Fire/Emergency management/BOE

CONTACT PERSON

IT Manager Jeffrey Robillard

PROJECT NAME

Town Safety Project

DEPARTMENT PRIORITY

1

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The Town Safety Project, which is a collaboration between IT, Police, Fire, Emergency Management and the Board of Education, has been in review for approximately one year. The participants took the necessary time to review current systems, immediate needs and the future needs to improve the overall safety in Waterford.

The Town Safety Project covers numerous safety initiatives to include cameras at town and school facilities, physical barriers such as fencing and bollards, signage and other needed supplies as determined by the project managers. The systems that are currently in place are at end-of-life and are in need of replacement and/or upgrade. Additions to existing systems and new systems are all part of the project to increase the overall safety in town. The IT portions will allow better communication and information gathering before, during or after an incident, whereas the barriers proposed will allow for advanced alerting, increased reaction time and delay and/or interruption to those causing such incidents.

The Town Safety Project, which is a collaboration between IT, Police, Fire, Emergency Management and the Board of Education, has been in review for approximately one year. The participants took the necessary time to review current systems, immediate needs and the future needs to improve the overall safety in Waterford.

The Town Safety Project covers numerous safety initiatives to include cameras at town and school facilities, physical barriers such as fencing and bollards, signage and other needed supplies as determined by the project managers. The systems that are currently in place are at end-of-life and are in need of replacement and/or upgrade. Additions to existing systems and new systems are all part of the project to increase the overall safety in town. The IT portions will allow better communication and information gathering before, during or after an incident, whereas the barriers proposed will allow for advanced alerting, increased reaction time and delay and/or interruption to those causing such incidents.

2 PROJECT STATUS IF IN PROGRESS

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

7 COST/FUNDING SOURCE

FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2024	FY2025	FY2026	FY2027	FY2028
1 Current Year Capital	0	1,982,900				
2 Utility Budget/Sewer Cap Maint Fund						
3 Transfer to CNR						
4 Short/Long-term Bonds						
5 LoCIP (detail in section 5 above)						
6 CNR Undesignated Fund Balance						
7 Federal/State Grants (detail in section 5)						
8 Other Funding (detail in section 5 above)						
TOTALS	0	1,982,900	0	0	0	0

LOCATION	AXIS CAMERAS, MILESTONE SECURITY SOFTWARE, AND INFRASTRUCTURE	COST	BOE YEARLY SOFTWARE UPGRADE/SUPPORT MAINTENANCE	TOWN YEARLY SOFTWARE UPGRADE/SUPPORT MAINTENANCE
High School School	add 174 camera devices and 4 recording servers to the existing 18 camera devices and existing recording server	443,074.63	8,824.61	
Clark Lane Middle School	104 camera devices and 3 recording servers	264,840.67	4,799.60	
Great Neck Elementary School	56 camera devices and 1 recording server	151,113.84	2,584.40	
Oswegatchie Elementary School	53 camera devices and 1 recording server	129,280.66	2,445.95	
Quaker Hill Elementary School	add 5 camera devices to the existing 36 camera devices and existing recording server	21,695.15	1,931.67	
Police Dept	67 camera devices and 2 recording servers	203,226.28		3,621.62
EOC	14 camera devices and 1 recording server	47,730.93		756.76
Municipal Complex	add 13 camera devices to the existing 14 camera devices and 1 recording server to the existing system (relocated existing recording server to youth services building)	54,089.32		1,348.80
Library	20 camera devices and 1 recording server	60,868.13		1,081.08
Community Center	34 camera devices and 1 recording server	85,322.56		1,837.84
Youth Bureau	11 camera devices running on relocated recording server from Municipal Complex	26,649.74		594.59
	Upgrade existing Milestone systems to Corporate version of Xprotect (Admin server, 3 Recording Servers, Mobile Server)	19,966.77		
	23 POE Network Switches with associated fiber modules and power supplies	117,228.80		
	13 Dell Computers w/ dual displays for viewing and retrieving video	33,758.92		
TOTAL CAMERA SECURITY PROJECT COST		1,558,846.40		
EXPECTED YEARLY SOFTWARE MAINTENANCE COSTS			20,586.23	9,240.69
			BOE	TOWN

Fencing

				\$ - Ft		\$ - Ft	
	Intent	Linear Ft	Material		Installation	Potential cost	
Oswegatchie	Full enclosure of all fields	700		17.33	23	28,231	
Quaker Hill	Limiting egress to parking lot	175		17.33	23	7,058	
Great Neck	Limiting egress to parking lot	275		17.33	23	11,091	
Total		1,150				46,380	

	Intent	Linear Ft	Number of Bollards	Cost Per	Potential cost	
Oswegatchie	Limiting egress	60	15	500	7,500	
Quaker Hill	Limiting egress	60	15	500	7,500	
Great Neck	Limiting egress	90	23	500	11,250	
Clark lane	Limiting egress	120	30	500	15,000	
WHS	Limiting egress	80	20	500	10,000	
Total		410	103		51,250	

Bollards

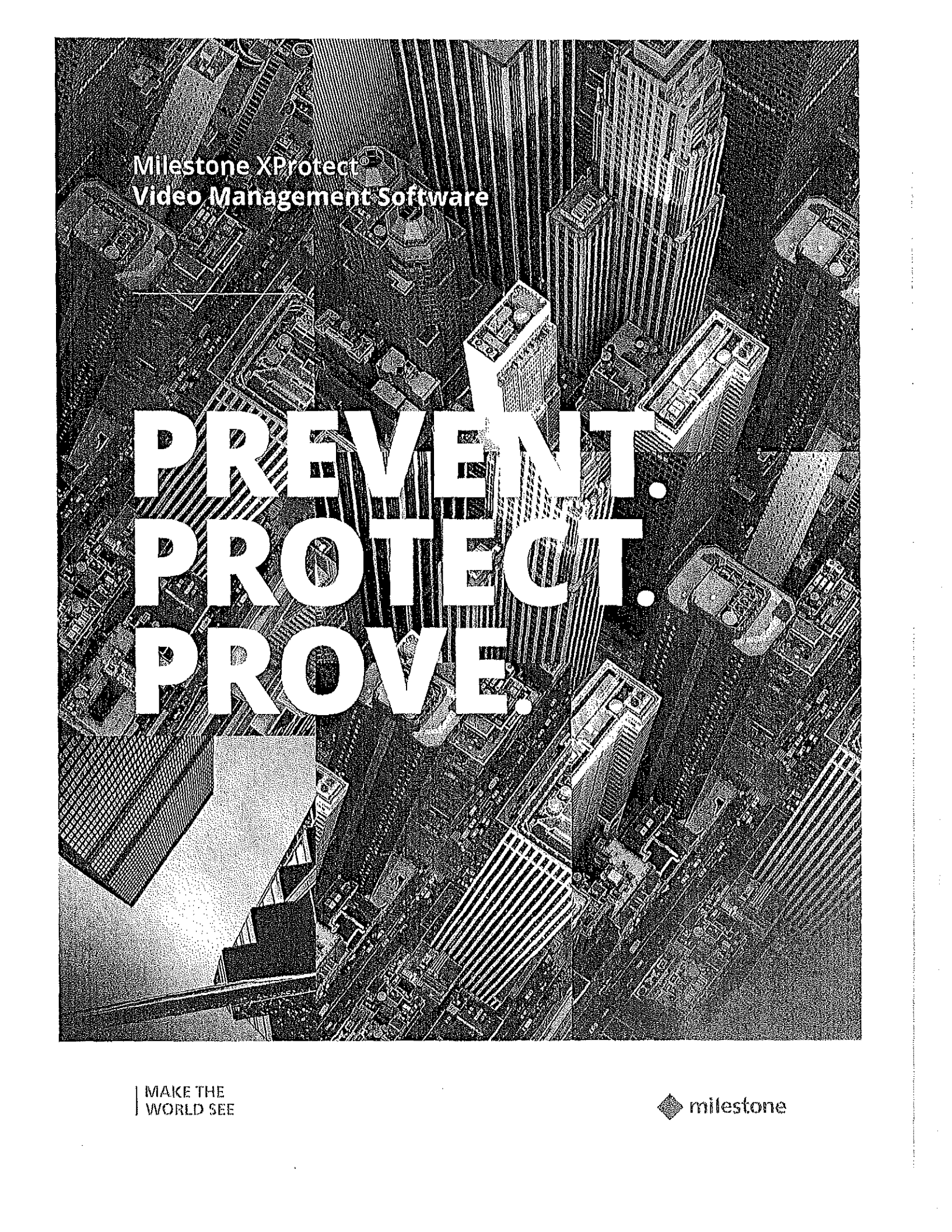
	Intent	Linear Ft	Number of Bollards	Cost Per	Potential cost
Oswegatchie	Limiting egress	60	15	500	7,500
Quaker Hill	Limiting egress	60	15	500	7,500
Great Neck	Limiting egress	90	23	500	11,250
Clark Lane	Limiting egress	120	30	500	15,000
WHS	Limiting egress	80	20	500	10,000
Total		410	103		51,250

Total security improvements	97,630
-----------------------------	--------

DIGITAL SIGNS

Waterford High School	66,000.00
Clark Lane Middle School	66,000.00

Total digital signs	132,000
---------------------	---------



Milestone XProtect®
Video Management Software

**PREVENT.
PROTECT.
PROVE.**

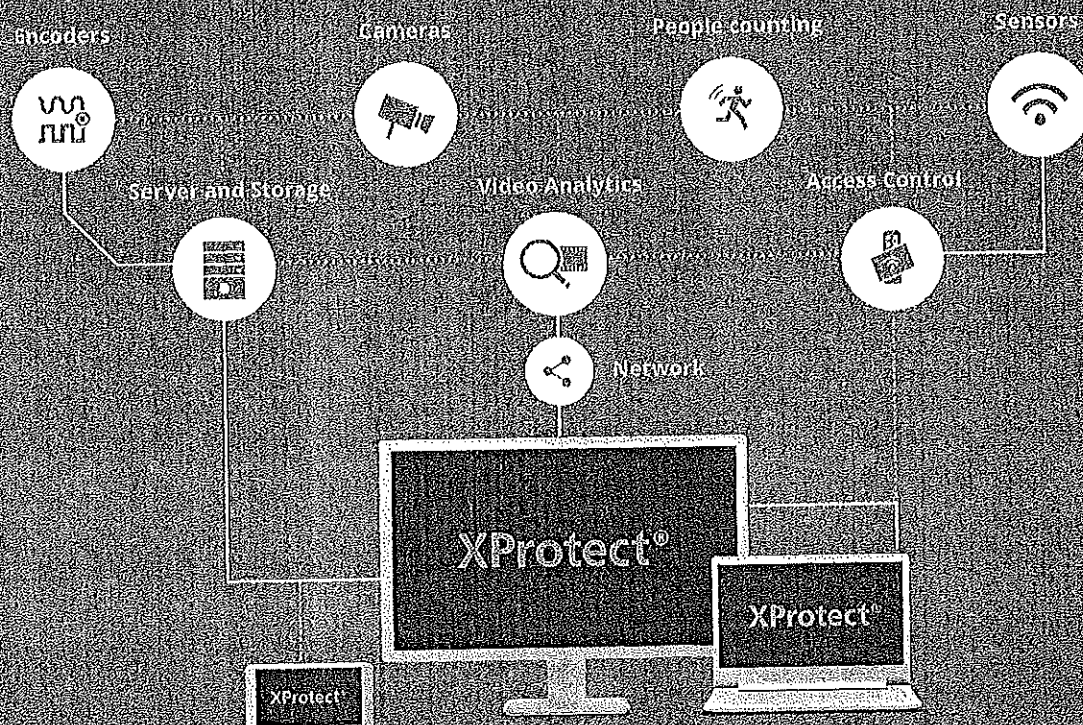
| MAKE THE
WORLD SEE

 milestone

THIS IS XPROTECT

XProtect video management software brings all the puzzle pieces of a video surveillance installation together in a perfect combination to create a solution that keeps people and property safe today – and tomorrow.

XProtect's open platform architecture has fostered an ever-expanding community of camera manufacturers, application providers and software developers, all working to create integrations and extensions to XProtect. Building your video installation on XProtect gives you the opportunity to leverage this community and its thousands of integrated solutions, so you can add additional value and capabilities to your system.



WHY XPROTECT IS THE RIGHT CHOICE

When we developed Milestone XProtect in 1998, the video surveillance industry was vastly different than today. CCTV and analog equipment ruled the market, and black and white footage were the norms for most video surveillance operations.

Fast forward to today and video surveillance systems are capable of so much more. From crystal-clear HD footage to body-worn cameras and advanced video analytics, to facial recognition, access control and IoT devices, building your video solution requires a solid foundation - it requires XProtect.



+8,500 devices
supported



+500,000 installations
worldwide



Three annual
product updates

The safe and reliable choice

When you invest in a video surveillance system, you invest in much more than hardware and software. You invest in safety for your home, business, people and assets, so you can protect what matters the most.

Choosing XProtect as your foundation means choosing a solution developed by innovative surveillance experts who work to solve your challenges. With 20+ years on the market, XProtect has proven to be the right answer for more than 500,000 customers worldwide - from flower shops to universities, stadiums and cities.

Our software. Your solution

We understand that there's no one-size-fits-all when it comes to video surveillance, and we know that every operation is different. That's why we took an open platform approach when we designed XProtect.

With our open platform architecture, you can build on XProtect's strong foundation to create a unique solution that matches your operation.

24/7 peace of mind

Airports, casinos, prisons and other 24-hour operations depend on constant, reliable surveillance all day, every day. For you (and us!) that's a huge responsibility.

We take that responsibility seriously. That's why XProtect is built by video surveillance experts who know what it takes to deliver a strong, high-performing and reliable system.

Software built for today - and tomorrow

Video surveillance comes in all shapes and sizes, from a few local cameras to thousands spread across the globe. Regardless of the initial set-up, we know that at some point you will need to adjust or expand it. That's why XProtect is scalable.

Advanced system. Simple use

Let's be realistic. Sometimes bad things happen - and when they do, you need a complete picture to react immediately. That's why XProtect is designed with both simplicity and sophistication in mind, giving operators the ability to be in absolute control of any situation, instantly. Whether you're a daily user or an occasional viewer, XProtect is designed to be simple to learn and easy to use without compromising on advanced capabilities.

Security you can count on

XProtect comes standard with an array of security mechanisms that keep your system and its data protected against internal and external threats.

A COMBINATION FOR EVERY BUSINESS

XProtect comes in 5 variants, each designed to match different segments and needs.

FREE

XProtect Essential

Supporting up to 3 cameras and ideal for small businesses

XProtect Express

Supporting up to 48 cameras and designed for smaller single-site installations with basic security needs

XProtect Professional

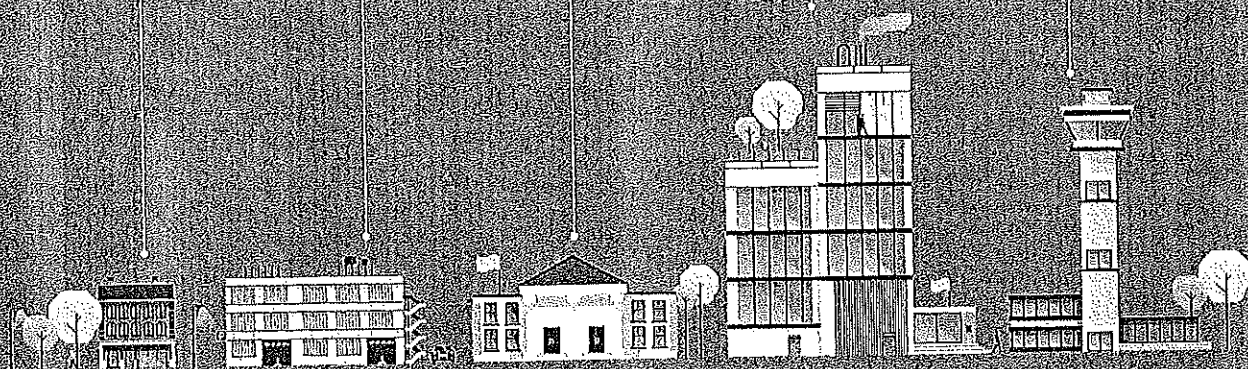
Supporting an unrestricted number of cameras and servers. Optimized for multisite companies needing to quickly identify and respond to incidents

XProtect Expert

Supporting unrestricted cameras and for large scale installations that require end-to-end protection of video integrity

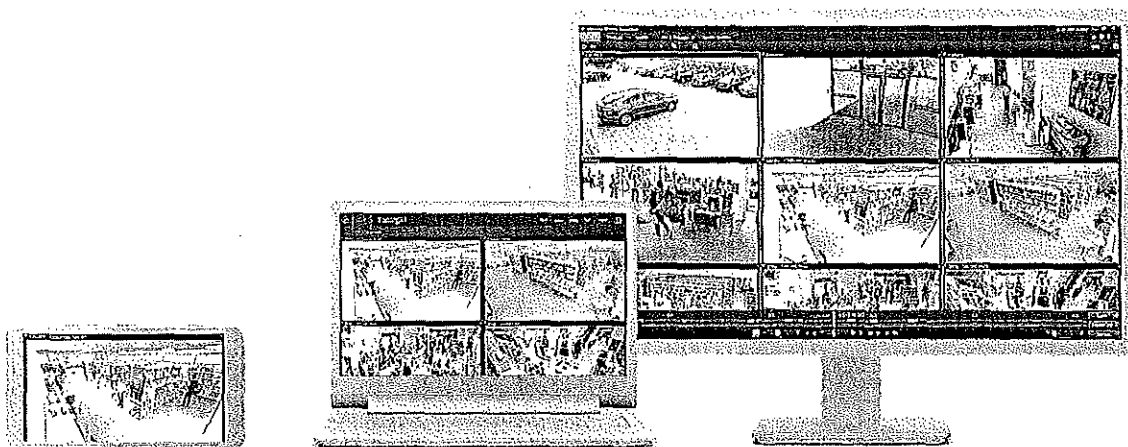
XProtect Corporate

Supporting unrestricted cameras and for high security and mission-critical installations that demand supreme situational awareness of any event and uninterrupted access to live and recorded video



ALWAYS KNOW WHAT'S HAPPENING

Whether you are at home, at work or on the go, you are in control with three flexible ways to access XProtect.



XProtect Mobile

View and export live and recorded video directly from your phone

Send live video from your phone directly to the XProtect VMS



XProtect Web Client

Intuitive, web-based interface that works with all common browsers and operating systems

Perfect for occasional users and for coordinating after-hours response to incidents

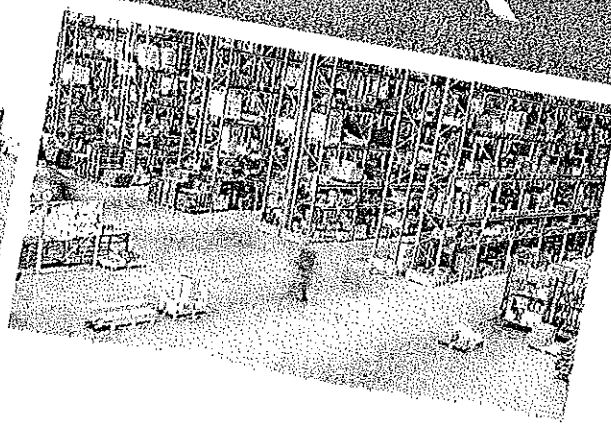
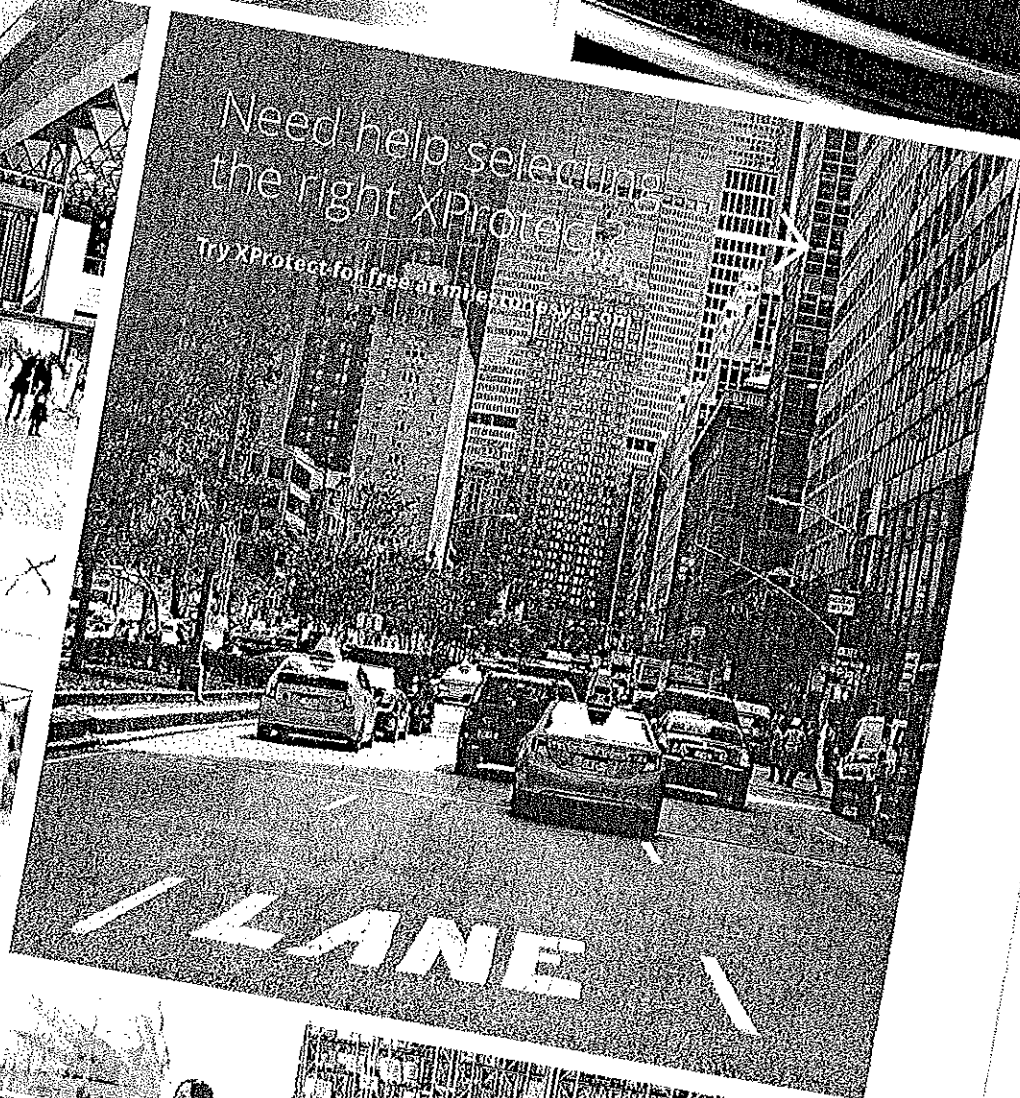
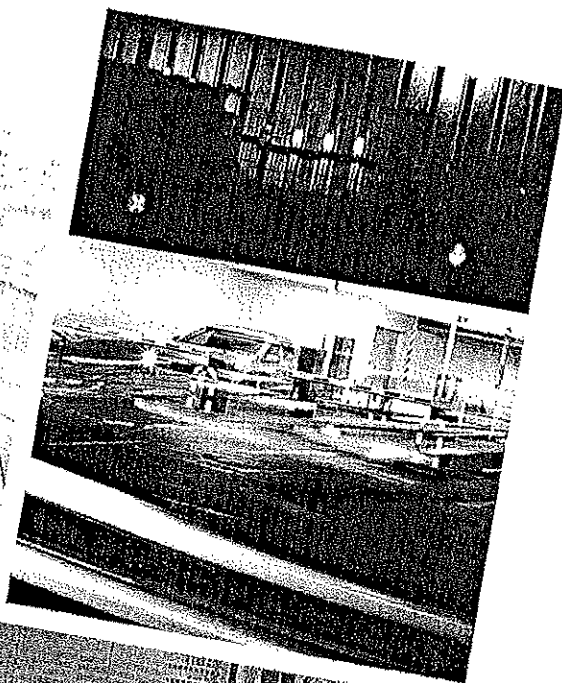


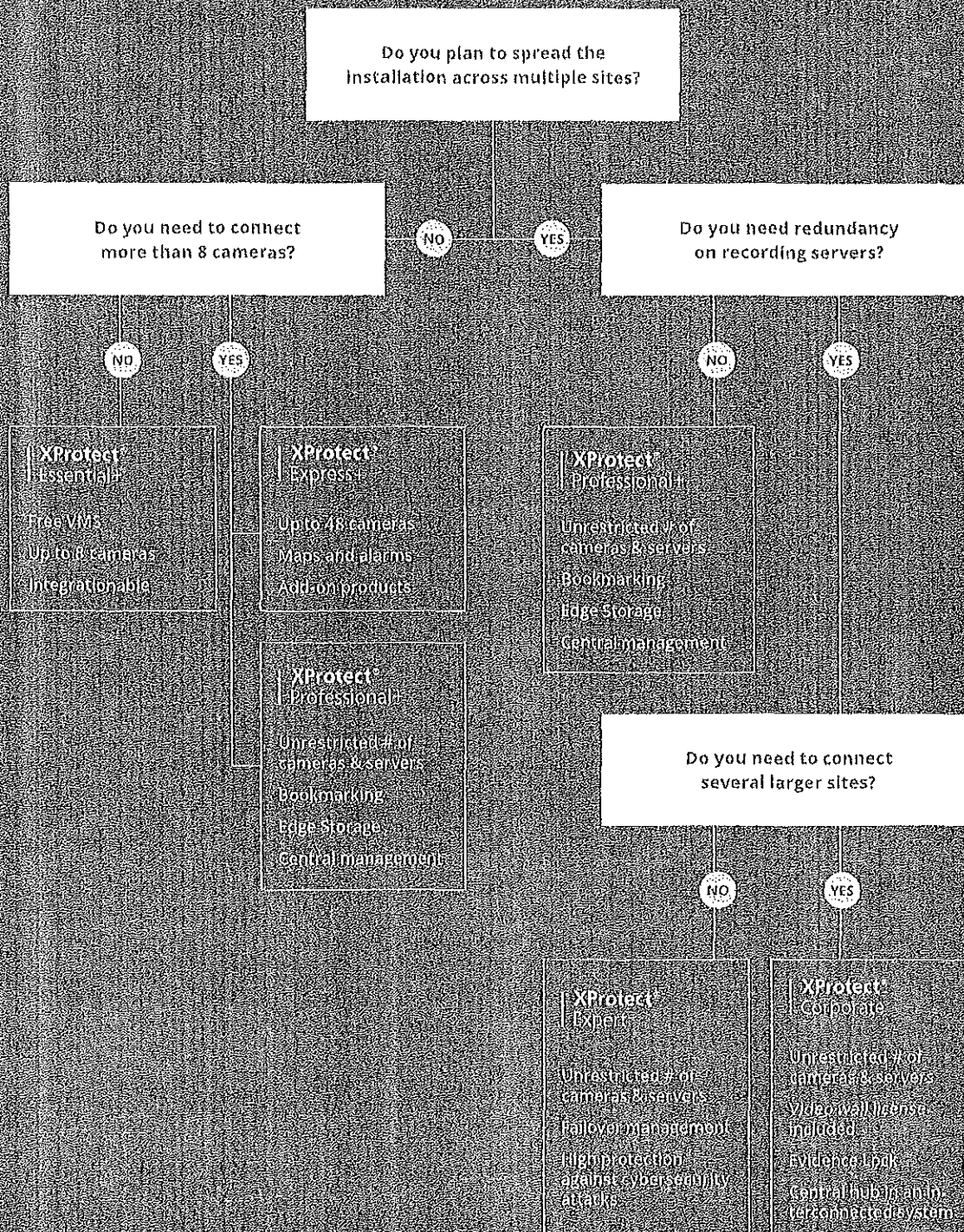
XProtect Smart Client

Powerful, task-based interface to manage daily operations

Get unparalleled situational awareness with interactive maps

Manage integrated applications (ie. access control and license plate recognition) directly from the Smart Client

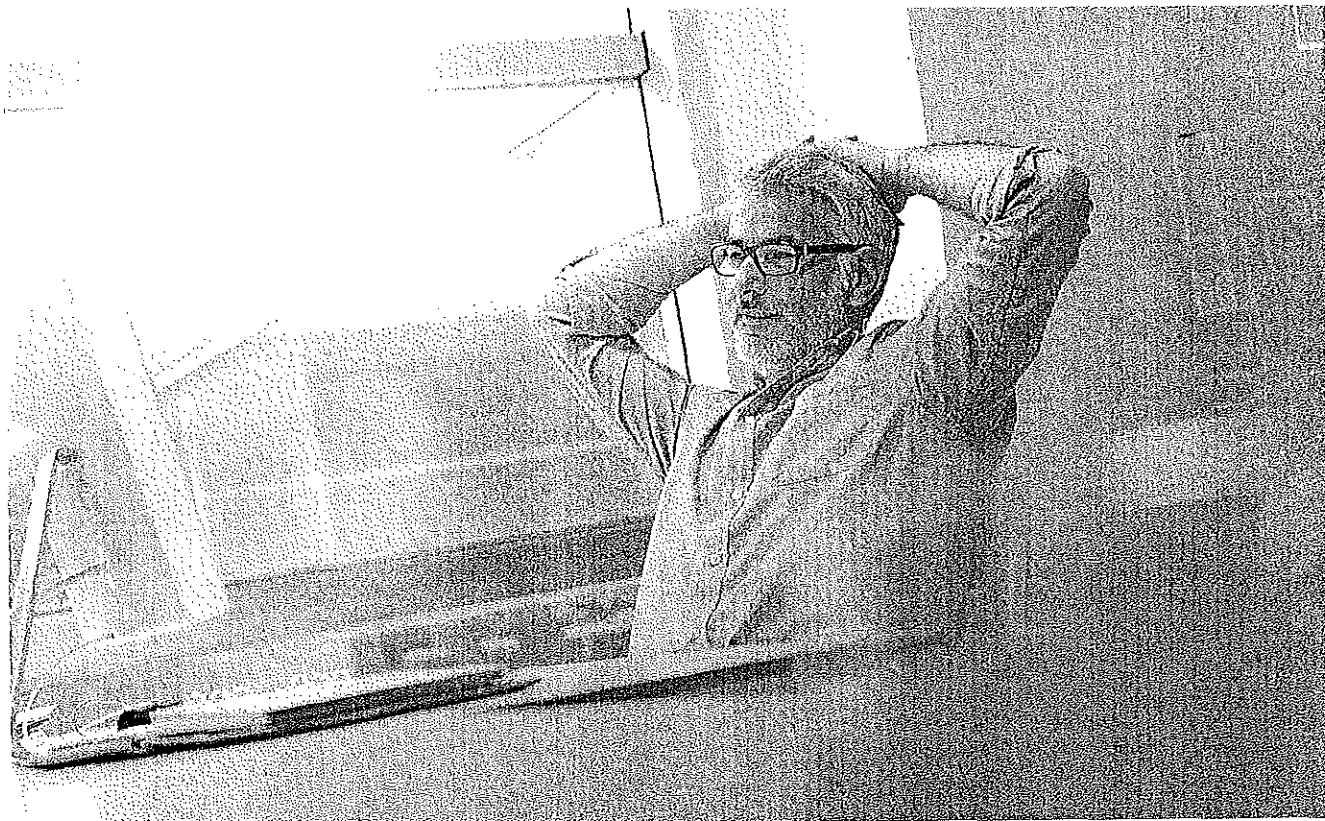




XProtect VMS Key features

	XProtect Essential+	XProtect Express+	XProtect Professional+	XProtect Expert	XProtect Corporate
System					
Type of deployment	Single server	Single server	Centrally managed, multi-server	Centrally managed, multi-server	Centrally managed, multi-server
Licensing	Free	Perpetual	Perpetual	Perpetual	Perpetual
Number of cameras per recording server	8	48	Unrestricted	Unrestricted	Unrestricted
Number of recording servers per system	1	1	Unrestricted	Unrestricted	Unrestricted
Flexible rule engine	✓	✓	✓	✓	✓
Performance and Scalability					
Centralized management	✓	✓	✓	✓	✓
Microsoft Active Directory	✓	✓	✓	✓	✓
Pre-recording buffer in RAM	✓	✓	✓	✓	✓
Hardware accelerated video decoding (Quick Sync)	✓	✓	✓	✓	✓
Edge Storage	-	-	✓	✓	✓
Scalable Video Quality Recording™	-	-	✓	✓	✓
Hardware accelerated video decoding (NVIDIA)	-	-	-	✓	✓
System Monitor	-	-	-	✓	✓
Integration					
Third-party application integration	✓	✓	✓	✓	✓
XProtect Screen Recorder	✓	✓	✓	✓	✓
Metadata	✓	✓	✓	✓	✓
XProtect Add ons	-	✓	✓	✓	✓
XProtect Smart Wall	-	-	-	Option	Included
Interoperability					
Milestone Interconnect™	-	Remote site	Remote site	Remote site	Central/ Remote site
Milestone Federated Architecture™	-	-	-	Remote site	Central/ Remote site

	XProtect [®] Essential [®]	XProtect [®] Express ⁺	XProtect [®] Professional ⁺	XProtect [®] Expert ⁺	XProtect [®] Corporate ⁺
Cybersecurity and user rights					
Kerberos authentication	✓	✓	✓	✓	✓
Communication encryption (Recording, Management and Mobile Server)	✓	✓	✓	✓	✓
Restrict user access by client type	✓	✓	✓	✓	✓
Dual authorization	-	✓	✓	✓	✓
Media database encryption and digital signing	-	-	-	✓	✓
Tiered management rights	-	-	-	-	✓
Two-step verification	-	-	-	-	✓
Monitoring and investigation					
Map function	✓	✓	✓	✓	✓
Centralized Search	✓	✓	✓	✓	✓
Privacy masking	-	✓	✓	✓	✓
Push notification	-	✓	✓	✓	✓
Alarm Manager	-	✓	✓	✓	✓
Customer Dashboard	-	✓	✓	✓	✓
Manual bookmarking	-	-	✓	✓	✓
Rule based bookmarking	-	-	-	✓	✓
Smart Map	-	-	-	✓	✓
Evidence Lock	-	-	-	-	✓
Fallover and Redundancy					
Fallover event server	✓	✓	✓	✓	✓
Management failover server	✓	✓	✓	✓	✓
Hot- & cold-fallover recording server	-	-	-	✓	✓

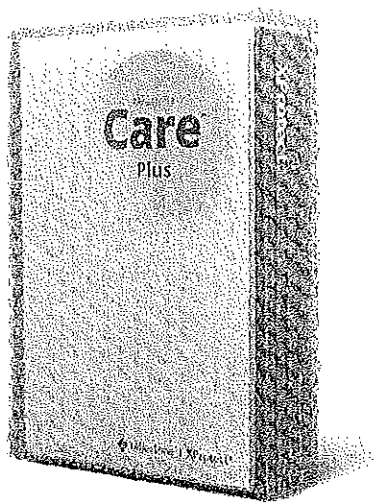


PEACE OF MIND STARTS HERE

Milestone Care™ is a complete service and support program that takes care of your product throughout its lifetime.

Designed to give you peace of mind, the Care program includes three packages. Whether you need frequent software updates, 24/7 access to Milestone Support or critical incident resolution, there is a package to suit your needs.

It is our commitment to you and your business to make sure you can take full advantage of your product and get the most out of your investment.



Milestone Care™ Plus

When you want to protect
your investment

Care Plus is designed to ensure you are ready for the future. Whether the future brings new technological innovations or responses to security challenges, this package helps keep your system up to date and ready to react quickly to changes and opportunities and includes:

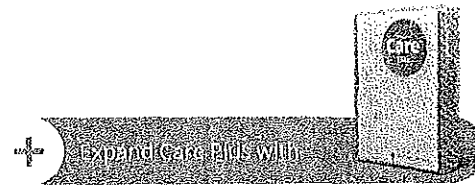
- Instant access to product updates three times annually
- Reseller access to Milestone Customer Dashboard to ensure system health and stability
- 100% trade-in credit when upgrading so you can seamlessly grow your installation over time
- Exclusive online features like push notifications and Smart Connect



Milestone Care™ Premium

When you need
24/7 direct technical
support

- Direct 24/7 access to a global team of Milestone technical support engineers
- A service-level agreement with committed response time
- Prioritized support to promptly address critical system issues
- Localized support in select markets based on availability



Milestone Care™ Elite

When you need a
dedicated Milestone
Technical Account

- Customized service-level agreement defining the exact level of support your business requires
- Direct and prioritized access to Milestone Technical Support 24/7 with committed resolution objectives
- A dedicated Milestone Technical Account Manager with extensive knowledge of your installation

**Try our software
for free!**

Experience the benefits of the XProtect®
VMS with a 30-day free trial

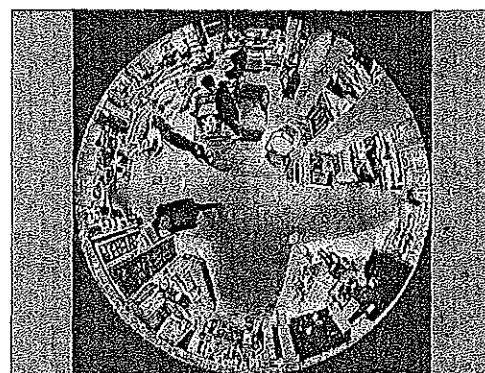
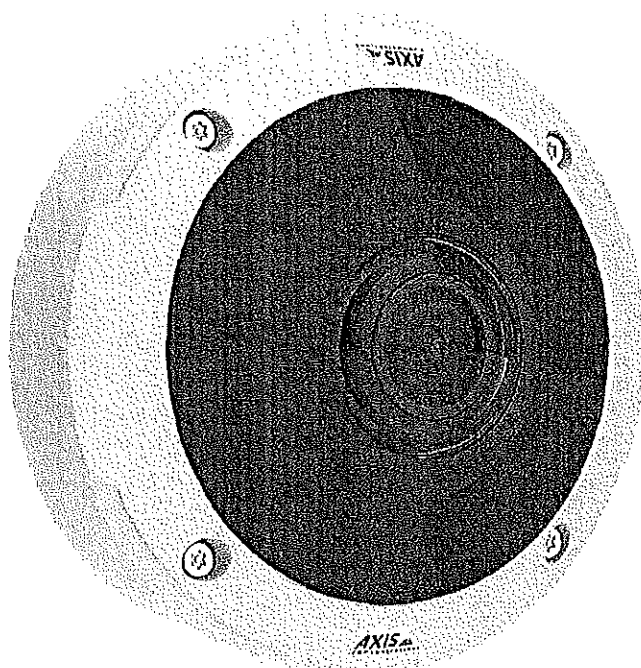
Visit milestonesys.com

AXIS M3058-PLVE Network Camera

12 MP outdoor-ready dome with 360° panoramic view and IR illumination

AXIS M3058-PLVE Network Camera delivers outstanding video in any light conditions, using Axis-developed Forensic WDR and Lightfinder technologies. With its integrated, automatically adaptable OptimizedIR illumination, this versatile camera even sees in the dark. The camera offers 360° overview as well as dewarped views. AXIS M3058-PLVE is vandal resistant (IK10) and discreetly designed. The optional black skin, which is also easily repaintable, can be used to further blend the camera into its environment. The camera has good capacity for analytics. It comes factory-focused and is designed for easy installation.

- > 12 MP sensor
- > OptimizedIR illumination
- > Lightfinder technology
- > Forensic WDR
- > Zipstream for reduced bandwidth and storage



2992 x 2992
4000 x 3000

AXIS M3058-PLVE Network Camera

Camera

Image sensor	12 MP (4000x3000) 1/1.7" progressive scan RGB CMOS
Lens	Fixed iris, fixed focus, IR corrected, 1.3 mm, F2.2 Horizontal field of view: 181° Vertical field of view: 181°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.19 lux at 50 IRE F2.2 B/W: 0.04 lux at 50 IRE F2.2 0 lux with IR illumination on
Shutter speed	1/22 500 s to 2 s
Camera angle adjustment	Rotation $\pm 180^\circ$
System on chip (SoC)	
Model	ARTPEC-6
Memory	2 GB RAM, 512 MB Flash
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	Overview: 2892x2992 to 160x160 Panorama: 3584x1344 to 192x72 Double panorama: 3584x2688 to 256x144 Quad view: 3584x2688 to 256x144 View area 1-4, 16:9: 2048x1152 to 256x144, 4:3: 2048x1536 to 320x240 Panorama corner left/right: 3200x1600 to 192x72 Double panorama corner: 2880x2880 to 320x240 Corridor: 2560x1920 to 256x144
Frame rate	360° overview only, up to 2992x2992 without WDR: 25/30 fps @ 50/60 Hz 360° overview and dewarped views up to 5 MP with WDR: up to 20 fps @ 50/60 Hz 360° overview and dewarped views up to max resolution with WDR: up to 12.5/15 fps @ 50/60 Hz
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264
Multi-view streaming	360° overview, dewarped panorama, double panorama, corridor and quad views. Up to 4 individually cropped out and dewarped view areas. All different views can be streamed simultaneously. When streaming 4 dewarped view areas and one 360° overview in max resolution: up to 12 fps per stream
HDMI output	HDMI 1080p @ 50/60 fps (50/60 Hz)
Image settings	Compression, color, brightness, sharpness, contrast, local contrast, white balance, exposure control (including automatic gain control) exposure zones, fine tuning of behavior at different light levels, forensic WDR: up to 120 dB depending on scene, dynamic text and image overlay, polygon privacy masks, mirroring of images, rotation: 0°, 180°, including Corridor Format
Pan/Tilt/Zoom	Digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views, preset positions, guard tour
Audio	
Audio Input/output	Two-way audio connectivity via the optional AXIS T61 Audio and I/O Interfaces with portcast technology
Network	
Security	Password protection, IP address filtering, HTTPS [®] encryption, IEEE 802.1X (EAP-TLS) [®] network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS [®] , TLS [®] , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DNS, NTP, RTP, RTSP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, SIP, LLDP, HDMI, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)

System Integration

Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile S and ONVIF [®] Profile T, specification at onvif.org Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX
Event triggers	Analytics, supervised external input, virtual inputs through API, edge storage events, open casing MQTT subscribe
Event actions	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap PTZ: PTZ preset, start/stop guard tour Overlay text, external output activation MQTT publish
Data streaming	Event data
Built-in installation aids	Pixel counter, digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views
Analytics	
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/facap
General	
Casing	IP66- and NEMA 4X-rated, IK10 impact-resistant casing in polycarbonate and aluminium, with hard-coated dome and dehumidifying membrane Encapsulated electronics and captive screws Color: White NCS S 1002-B For repainting, use the optional skin cover. Contact your Axis partner for instructions.
Sustainability	PVC-free
Power	Power over Ethernet (PoE) IEEE 802.3at/802.3at Type 1 Class 3 Typical 7.8 W, max 12.95 W
Connectors	Shielded RJ45 10BASE-T/100BASE-TX PoE Terminal block for 1 supervised alarm input and 1 digital output (12 V DC output, max. load 25 mA) HDMI type D ^b Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology
IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs with adaptable illumination intensity Range of reach 15 m (49 ft) or more depending on scene
Storage	Support for SD card encryption (AES-XTS-Plain64 256bit) Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	-40 °C to 50 °C (-40 °F to 122 °F) Maximum temperature (intermittent): 55 °C (131 °F) Start-up temperature: -30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC K32 Class A, KC K35 Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60721-3-5 Class 5M3 (vibration and shock), IEC/EN 60529 IP66, IEC/EN 62262 IK10, NEMA 250 Type 4X

	Network NIST SP500-267
Dimensions	Height: 66 mm (2.6 in) ø 149 mm (5.87 in)
Weight	770 g (1.7 lb)
Included accessories	Installation guide, Windows® decoder 1-user license, drill hole template, cable gaskets, connector guard, I/O connector, Resistorx® T20 L-key, mounting bracket, cable hole lid, view protector
Optional accessories	AXIS T94T02D Pendant Kit with weathershield, AXIS T94K01D Pendant Kit, AXIS T94S02L Recessed Mount Kit, AXIS M30 Skin Cover A Black, Axis Mounts & Cabinets, AXIS T6101 Audio and I/O Interface, AXIS T6112 Audio and I/O Interface For more accessories, see axis.com

Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Polish, Portuguese, Traditional Chinese
Warranty	5-year warranty, see axis.com/warranty

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit, (openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).
- b. Make sure that the cable has a slim connector plug

Environmental responsibility:

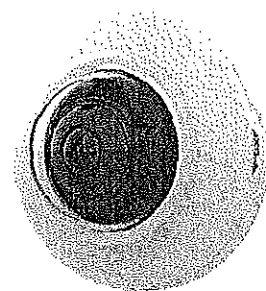
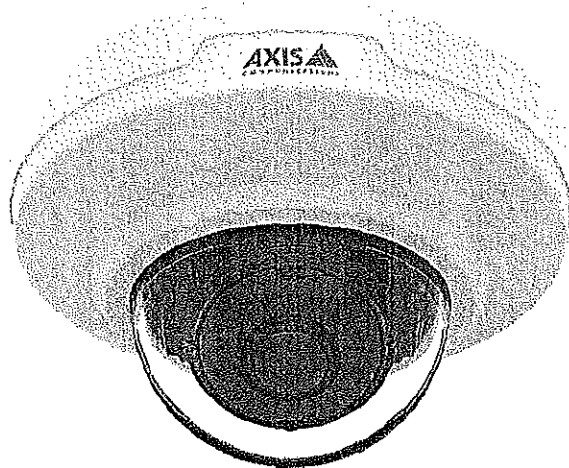
axis.com/environmental-responsibility

AXIS M3086-V Dome Camera

Fixed 4 MP mini dome with deep learning

This cost-efficient mini dome features Wide Dynamic Range (WDR) to ensure clarity even when there's both dark and light areas in the scene. With Lightfinder, it delivers sharp color images even in low light. A deep learning processing unit enables intelligent analytics based on deep learning on the edge. And AXIS Object Analytics offers detection and classification of different types of objects – all tailored to your specific needs. Furthermore, this compact, easy-to-install, vandal-resistant camera offers a wide-angle view of 130° and comes factory focused so there's no manual focusing required.

- > Great image quality in 4 MP
- > Compact, discreet design
- > WDR and Lightfinder
- > Support for analytics with deep learning
- > Built-in cybersecurity features



AXIS M3086-V Dome Camera

Camera		
Image sensor	1/2.7" progressive scan RGB CMOS	
Lens	2.4 mm, F2.1 Horizontal field of view: 130° Vertical field of view: 93° Fixed iris, IR corrected	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	With Lightfinder: Color: 0.19 lux at 50 IRE F2.1 B/W: 0.03 lux at 50 IRE F2.1	
Shutter speed	1/38500 s to 1/5 s	
Camera angle adjustment	Pan: ±175° Tilt: ±80° Rotation: ±175° Can be directed in any direction and see the wall/ceiling	
System on chip (SoC)		
Model	CV25	
Memory	1024 MB RAM, 512 MB Flash	
Compute capabilities	Deep learning processing unit (DLPU)	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	
Resolution	2688x1512 (4 MP) to 320x240	
Frame rate	25/30 fps with power line frequency 50/60 Hz in H.264 and H.265 ^a	
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/MBR H.264/H.265 Average bitrate	
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate	
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, motion-adaptive exposure, WDR; up to 120 dB depending on scene, dynamic overlays, mirroring of images, privacy mask Rotation: 0°, 90°, 180°, 270°, including Corridor Format	
Pan/Tilt/Zoom	Digital PTZ	
Audio		
Audio streaming	Audio output via edge-to-edge technology	
Audio input/output	Audio features through portcast technology: two-way audio connectivity, voice enhancer Network speaker pairing	
Network		
Security	IP address filtering, HTTPS ^b encryption, IEEE 802.1x (EAP-TLS) ^b network access control, user access log, centralized certificate management, signed video Axis Edge Vault, Axis device ID	
Network protocols	IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^b , HTTP/2, TLS ^b , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ^c , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NIS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org	
Event conditions	Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address removed, live stream active, network lost, new IP address, system ready, within operating temperature	
		Edge storage: recording ongoing, storage disruption, storage health issues detected I/O: manual trigger, virtual input, digital input via accessories using portcast technology MQTT: subscribe Scheduled and recurring: schedule Video: average bitrate degradation, tampering
Event actions		
		Notification: HTTP, HTTPS, TCP and email Record video: SD card and network share MQTT: publish Pre- and post-alarm video or image buffering for recording or upload Record video: SD card and network share SNMP traps: send, send while the rule is active Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email External output activation via accessories using portcast technology
Built-in installation aids		
		Pixel counter
Analytics		
AXIS Object Analytics		Object classes: humans, vehicles (types: cars, buses, trucks, bikes) Features: line crossing, object in area, crosstime counting ^{BETA} , occupancy in area ^{BETA} , time in area ^{BETA} Up to 10 scenarios Metadata visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
Metadata		
		Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions
Applications		
		Included AXIS Object Analytics, AXIS Video Motion Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Cybersecurity		
Edge security		
		Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit)
Network security		
		IEEE 802.1X (EAP-TLS) ^b , IEEE 802.1AR, HTTPS/HSTS ^b , TLS v1.2/v1.3 ^b , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Documentation		
		AXIS OS Hardening Guide Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity
General		
Casing		
		IP42 water- and dust-resistant (to comply with IP42, follow Installation Guide), IK08 impact-resistant, polycarbonate/ABS casing Encapsulated electronics Color: white NCS S 1002-B For repainting instructions, contact your Axis partner.
Sustainability		
		57% recycled plastics, PVC free, BFR/CFR free
Power		
		Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical 3.8 W, max 4.2 W
Connectors		
		RJ45 10BASE-T/100BASE-TX PoE Audio: Audio and I/O connectivity via portcast technology
Storage		
		Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit)

	Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	0 °C to 45 °C (32 °F to 113 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Approvals	EMC ICES-3(A)/NMB-3(A), EN 55032 Class A, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, KS C 9835, KS C 9832 Class A, RCM AS/NZS CISPR 32 Class A, Safety IEC/EN/UL 62368-1, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC/EN 60529 IP42, IEC/EN 62262 Class IK08 Network NIST SP500-267
Dimensions	Height: 56 mm (2.2 in) ø 101 mm (4.0 in)

Weight	150 g (0.33 lb)
Included accessories	Installation guide, Windows® decoder 1-user license
Optional accessories	AXIS TM3812 Tamper Cover Black casing Smoked dome AXIS Surveillance microSDXC™ Card For more accessories see axis.com
Video management software	AXIS Companion, AXIS Camera Station and video management software from Axis Application Development Partners. For more information, see axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Japanese, Korean, Portuguese, Simplified Chinese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Warranty	5-year warranty, see axis.com/warranty

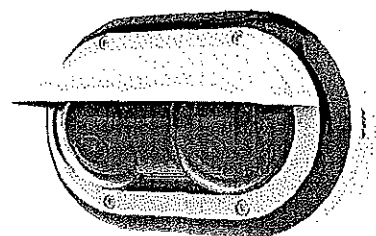
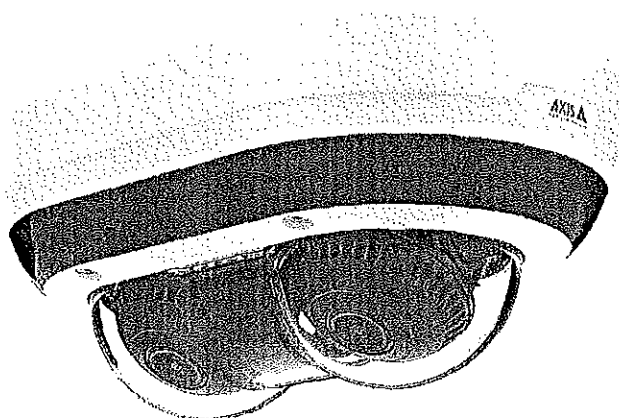
- a. Reduced frame rate in Motion JPEG
b. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (ey@cryptosoft.com).

AXIS P4707-PLVE Panoramic Camera

Dual-sensor with 360° IR and deep learning

This dual-sensor, multidirectional camera offers 2*5 MP at 30 fps. It features Lightfinder and Forensic WDR for sharp, clear images in challenging or poor light conditions. Built on ARTPEC-8, this high-performance camera includes a deep learning processing unit enabling improved processing and storage capabilities. It also allows you to collect and analyze even more data than before – on the edge. Plus, it delivers valuable metadata facilitating fast, easy, and efficient forensic search capabilities in live or recorded video. And, with flexible positioning of both varifocal camera heads plus, remote zoom and focus capabilities, it ensures fast and cost-effective installation.

- > 2*5 MP, multidirectional camera, with one IP address
- > Support for analytics with deep learning on both sensors
- > 360° IR illumination
- > 2.5x zoom
- > Axis Lightfinder and Forensic WDR



AXIS P4707-PLVE Panoramic Camera

Camera		Onscreen controls	
Image sensor	2 x 1/2.7" progressive scan RGB CMOS	IR illumination	
Lens	Varifocal, 3.3–8.1 mm, F1.9–3.2 Horizontal field of view: 98°–36° Vertical field of view: 69°–27° Diagonal field of view: 133°–46° Minimum focus distance: 0.5 m (1.6 ft) <i>Fixed iris, IR corrected, remote zoom and focus</i>	Autofocus	
Day and night	Automatically removable infrared-cut filter	Privacy mask	
Minimum illumination	Color: 0.19 lux at 50 IRE, F1.9 B/W: 0 lux at 50 IRE, F1.9 0 lux with IR illumination on	Play media clip	
Shutter speed	1/33500 s to 1/5 s with 60/50 Hz	Event conditions	Analytics, virtual inputs through API Audio: audio detection Device status: above operating temperature, above or below operating temperature, below operating temperature, within operating temperature, IP address removed, new IP address, network lost, system ready, ring power overcurrent protection, live stream active, casing open Digital audio: digital signal contains Axis metadata, digital signal has invalid sample rate, digital signal missing, digital signal okay Edge storage: recording ongoing, storage disruption, storage health issues detected I/O: manual trigger, virtual input MQTT: subscribe Scheduled and recurring: schedule Video: average bitrate degradation, day-night mode, live stream open, tampering
Camera angle adjustment	Pan ±170°, tilt ±75°, rotation ±170°	Event actions	Overlay text, day/night mode, flash status LED Audio clips: play, stop Illumination: use lights, use lights while the rule is active MQTT: publish Notification: HTTP, HTTPS, TCP and email Pre- and post-alarm video or image buffering for recording or upload Record video: SD card and network share SNMP traps: send, send while the rule is active Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email
System on chip (SoC)		Built-in installation aids	Pixel counter, remote zoom and focus, level grid
Model	ARTPEC-8	Analytics	
Memory	2048 MB RAM, 8192 MB Flash	AXIS Object Analytics	Object classes: humans, vehicles (types: cars, buses, trucks, bikes) Features: line crossing, object in area, crossline counting ^{BETA} , occupancy in area ^{BETA} , time in area ^{BETA} Up to 10 scenarios Metadata visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
Compute capabilities	Deep learning processing unit (DLPU)	Metadata	Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions
Video		Applications	Included AXIS Object Analytics, AXIS Video Motion Detection, active tampering alarm, audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	Cybersecurity	
Resolution	4:3: 2x 2592x1944 (2x 5MP) to 2x 640x480 16:9: 2x 2560x1440 (2x Quad HD) to 2x 640x360	Edge security	Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Axis Edge Vault cybersecurity platform TPM 2.0 (CC EAL4+, FIPS 140-2 Level 2), secure element (CC EAL 6+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit)
Frame rate	Up to 30/25 fps (60/50 Hz) in all resolutions	Network security	IEEE 802.1X (EAP-TLS) ³ , IEEE 802.1AR, HTTPS/HSTS ³ , TLS v1.2/v1.3 ³ , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Video streaming	Multiple, individually configurable streams in H.264, H.265, and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Low latency mode	Documentation	AXIS OS Hardening Guide Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR, white balance, day/night threshold, tone mapping, exposure mode, exposure zones, compression, rotation: 0°, 90°, 180°, 270° including Corridor Format, mirroring, dynamic text and image overlay, polygon privacy mask		
Audio			
Audio streaming	Audio in, simplex Two-way audio via edge-to-edge technology		
Audio encoding	24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate		
Audio input/output	External microphone input or line input, ring power, digital audio input, automatic gain control Network speaker pairing Audio features through portcast technology: two-way audio connectivity, voice enhancer		
Network			
Security	IP address filtering, HTTPS ³ encryption, IEEE 802.1x (EAP-TLS) ³ network access control, user access log, centralized certificate management		
Network protocols	IPv4, IPv6, USGv6, ICMPv4/ICMPv6, RTP, HTTPS ³ , HTTP/2, TLS ³ , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ³ , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)		
System integration			
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org		

To read more about Axis cybersecurity support, go to axis.com/cybersecurity

General	
Casing	IP66-, IP67-, NEMA 4X- and IK10-rated Polycarbonate hard-coated dome Aluminum and plastic casing, weathershield Color: white NCS S 1002-B or black NCS S 9000-N
Mounting	Mounting bracket with junction box holes (double-gang, single-gang, 4" square, and 4" octagon) ¼"-20 UNC tripod screw thread ½" (M20) conduit side entry
Sustainability	PVC and BFR/CFR free, 7% recycled plastics, 2% bioplastics
Power	Power over Ethernet (PoE) IEEE802.3at Type 2 Class 4 Typical 7.9 W, max 17.5 W
Connectors	Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE 3.5 mm mic/lnc in
IR Illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range of reach 15 m (50 ft) or more depending on the scene
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Start-up temperature: -30 °C Humidity 10–100% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Approvals	EMC CISPR 32 Class A, CISPR 35, EN 50121-4, EN 55032 Class A, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), IEC 62236-4, KS C 9832 Class A, KS C 9835, RCM AS/NZS CISPR 32 Class A, VCCI Class A

Safety	CAN/CSA-C22.2 No. 60950-22, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471, IS 13252
Environment	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 62262:2002 IK10, IEC/EN 60529 IP66/IP67, MIL-STD-883C (Method 501.7, 502.7, 505.7, 506.6, 507.6, 509.7, 512.6) ^b , NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9), VDMA 24364
Network	NIST SP500-267
Dimensions	Height: 88 mm (3.5 in) Width: 133 mm (5.2 in) Length: 208 mm (8.2 in)
Weight	975 g (2.1 lb)
Included accessories	Installation guide, Windows [®] decoder 1-user license, connector kit, weathershield, connector guard
Optional accessories	Black casing, smoked dome, conduit adapters, AXIS T94N02 Pendant Kit, AXIS T8415 Wireless Installation Tool, AXIS Surveillance Cards For more accessories, see axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Warranty	5-year warranty, see axis.com/warranty

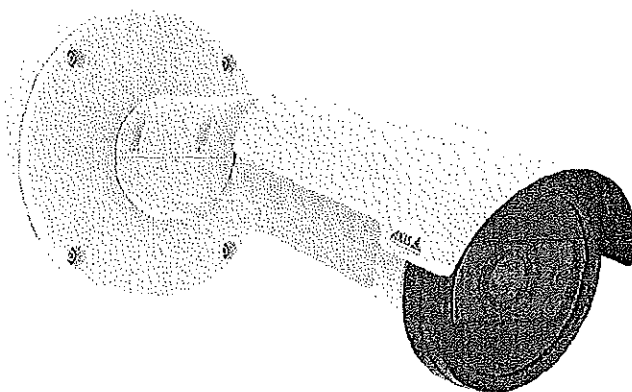
- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).
- b. Method 505.7 with weathershield

AXIS P1468-LE Bullet Camera

Fully featured, all-around 4K surveillance

Based on ARTPEC-8, AXIS P1468-LE delivers excellent image quality in outstanding 4K. It includes a deep learning processing unit enabling advanced features and powerful analytics based on deep learning on the edge. With AXIS Object Analytics preinstalled, it offers detection and classification of humans, vehicles, and types of vehicles. This IP66/IP67, NEMA 4X, and IK10-rated camera can withstand winds up to 50 m/s. Lightfinder 2.0, Forensic WDR, and OptimizedIR, ensure sharp, detailed images under any light conditions. Furthermore, it includes Axis Edge Vault to protect your Axis device ID and simplify authorization of Axis products on your network.

- > Lightfinder 2.0, Forensic WDR, OptimizedIR
- > Analytics with deep learning
- > Audio and I/O connectivity
- > Built-in cybersecurity features
- > Impact and weather resistant



AXIS P1468-LE Bullet Camera

Camera	
Image sensor	1/1.2" progressive scan RGB CMOS
Lens	Varifocal, 6.2–12.9 mm, F1.6–2.9 Horizontal field of view 108°–49° Vertical field of view 58°–27° Varifocal, remote focus and zoom, P-iris control, IR corrected
Day and night	Automatically removable infrared-cut filter
Minimum illumination	With WDR and Lightfinder: Color: 0.07 lux, at 50 IRE F1.6 B/W: 0.01 lux, at 50 IRE F1.6 0 lux with IR illumination on
Shutter speed	1/66500 s to 2 s
System on chip (SoC)	
Model	ARTPEC-8
Memory	2 GB RAM, 8 GB Flash
Compute capabilities	Deep learning processing unit (DLPU)
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG
Resolution	3840x2160 to 160x90
Frame rate	With Forensic WDR: Up to 25/30 fps (50/60 Hz) in all resolutions No WDR: Up to 50/60 fps (50/60 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Low latency mode Video streaming indicator
Multi-view streaming	Up to 8 individually cropped out view areas
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: Up to 120 dB depending on scene, white balance, day/night threshold, tone mapping, exposure mode, exposure zones, motion-adaptive exposure, defogging, barrel distortion correction, compression, orientation: auto, 0°, 90°, 180°, 270° including Corridor Format, mirroring of images, dynamic text and image overlay, polygon privacy masks Scene profiles: forensic, vivid, traffic overview
Pan/Tilt/Zoom	Digital PTZ, digital zoom Guard tour (max 100), control queue, fixed orientation aid
Audio	
Audio streaming	Audio In, simplex, two-way audio via edge-to-edge technology
Audio encoding	24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate
Audio input/output	External microphone input or line input, digital audio input, ring power, network speaker pairing
Network	
Security	IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a network access control, user access log, centralized certificate management
Network protocols	IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ¹ , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NIS, RTP, RTCP, RTP, SRTP/RTSPS, YCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S and ONVIF [®] Profile T, specification at onvif.org
Onscreen controls	Video streaming indicator Day/night shift Defog WDR Privacy masks Media clip Light control
Event conditions	Audio: audio clip playing, audio clip currently playing Device status: above operating temperature, above or below operating temperature, below operating temperature, within operating temperature, IP address removed, new IP address, network lost, system ready, ring power overcurrent protection, live stream active Digital audio: digital signal contains Axis metadata, digital signal has invalid signal rate, digital signal missing, digital signal okay Edge storage: recording ongoing, storage disruption, storage health issues detected I/O: digital input, manual trigger, virtual input MQTT subscribe Scheduled and recurring: schedule Video: average bitrate degradation, day-night mode, tampering
Event actions	Day-night mode, overlay text, WDR mode Audio clips: play, stop I/O: toggle I/O once, toggle I/O while the rule is active Illumination: use lights, use lights while the rule is active MQTT: publish Notification: HTTP, HTTPS, TCP and email Record video: SD card and network share SNMP traps: send, send while the rule is active Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email
Built-in installation aids	Pixel counter, remote zoom, remote focus, auto rotation
Analytics	
AXIS Object Analytics	Object classes: humans, vehicles (types: cars, buses, trucks, bikes) Features: line crossing, object in area, crossline counting ^{BETA} , occupancy in area ^{BETA} Up to 10 scenarios Metadata visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event
Metadata	Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions
Applications	Included AXIS Object Analytics AXIS Video Motion Detection, active tampering, shock detection, audio detection, orientation aid Supported AXIS Perimeter Defender, AXIS Digital Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Cybersecurity	
Edge security	Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 8+), system-on-chip security (TEE), Axis device ID, secure keystore, signed video, secure boot, encrypted filesystem (AES-XTS-Plain64 256bit)
Network security	IEEE 802.1X (EAP-TLS) ^a , IEEE 802.1AR, HTTPS/HSTS ^a , TLS v1.2/v1.3 ^a , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Documentation	AXIS OS Hardening Guide Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources

To read more about Axis cybersecurity support, go to axis.com/cybersecurity

General

Casing	IP66/IP67-, NEMA 4X-, and IK10-rated casing Polycarbonate blend and aluminium Color: white NCS S 1002-B For repainting instructions, go to the product's support page. For information about the impact on warranty, go to axis.com/warranty-implication-when-repainting .
Sustainability	PVC and BFR/CFR free
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Typical: 7.7 W, max 12.95 W 10–28 V DC, typical 7.6 W, max 12.95 W
Connectors	Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T 3.5 mm microline in Terminal block for 1 supervised alarm input and 1 output (12 V DC output, max. load 25 mA) DC input
IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs Range of reach 40 m (131 ft) or more depending on the scene
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	–40 °C to 60 °C (–40 °F to 140 °F) Maximum temperature according to NEMA TS2 (2.2.7): 74 °C (165 °F) Start-up temperature: –40 °C Humidity 10–100% RH (condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62238-4, EN 55035, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2,

FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A),
VCCI Class A, RCM AS/NZS CISPR 32 Class A
Safety
IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC 62471, IS 13252
Environment
IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14,
IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/IP67,
IEC/EN 62262 IK10, NEMA 250 Type 4X, NEMA TS 2 (2.2.7–2.2.9),
ISO 21207 (Method B)
Network
NIST SP500-267

Weight	With weather shield: 1.2 kg (2.65 lb)
Dimensions	Ø132 x 280 mm (Ø5.2 x 11.0 in)
Included accessories	Installation guide, Windows® decoder 1-user license, drill hole template, connector kit, mounting bracket, Torx® L-keys AXIS Weather Shield L
Optional accessories	AXIS T94F01M J-Box/Gang Box Plate, AXIS T91A47 Pole Mount, AXIS T94P01B Corner Bracket, AXIS T94F01P Conduit Back Box, AXIS Weather Shield K, Axis PoE Midspans For more accessories, see axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Warranty	5-year warranty, see axis.com/warranty

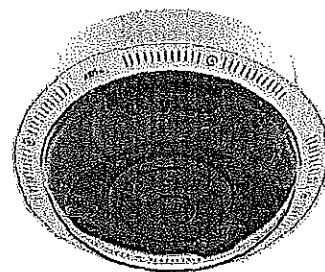
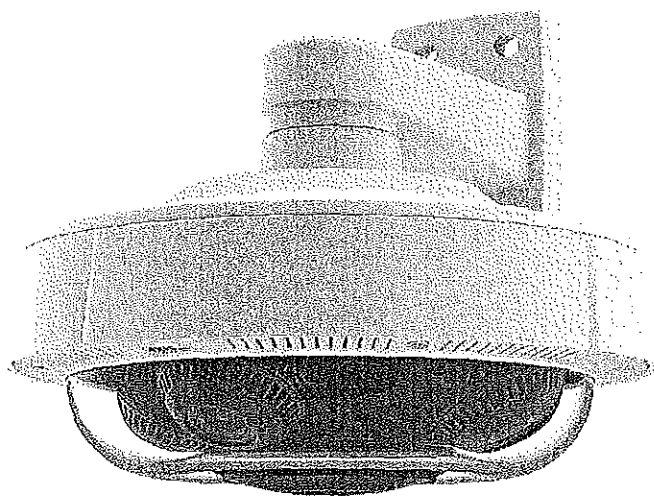
a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (openssl.org), and cryptographic software written by Eric Young (ey@cryptosoft.com).

AXIS P3727-PLE Panoramic Camera

4x2 MP multidirectional camera with IR for 360° coverage

AXIS P3727-PLE offers four channels with 2MP per channel at 30 fps. This multidirectional camera allows for flexible positioning of four varifocal camera heads. Each head can be controlled individually to capture scenes in four directions in wide-angle or zoomed-in views. It includes 360° IR illumination with individually controllable LEDs and an automatic IR cut filter. Plus, remote zoom and focus capabilities ensure fast and accurate installation. AXIS Edge Vault protects your Axis device ID and simplifies authorization of Axis products on your network. Furthermore, AXIS Object Analytics offers highly nuanced object classification and reliable detection with fewer false positives.

- > 4x2 MP at 30 fps per channel
- > 360° IR illumination with individually controlled LEDs
- > AXIS Edge Vault and TPM module
- > AXIS Object Analytics on one channel
- > Edge storage with 2x microSD card slots



AXIS P3727-PLE Panoramic Camera

Camera		
Image sensor	4 x 1/2.8" progressive scan RGB CMOS	open, IP address removed, network lost, new IP address, storage failure, system ready, within operating temperature
Lens	Varifocal, 3–6 mm, F1.8–2.6 4x1080p capture mode: Horizontal field of view: 98°–49° Vertical field of view: 53°–27° Diagonal field of view: 113°–55° Fixed iris, IR corrected, remote zoom and focus	Edge storage: recording ongoing, storage disruption, storage health issues detected I/O: manual trigger, virtual input MQTT subscribe Scheduled and recurring: scheduled event Video: average bitrate degradation, day-night mode, live stream open, tampering
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	With Forensic WDR and Lightfinder: Color: 0.17 lux at 50 IRE, F1.8 B/W: 0 lux at 50 IRE, F1.8	Event actions
Shutter speed	1/32500 s to 2 s with 50 Hz 1/32500 s to 2 s with 60 Hz	Record video: SD card and network share MQTT publish Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email Notification: email, HTTP, HTTPS, TCP, and SNMP trap Overlay text, play audio clip, day/night mode, status LED, IR illumination, MQTT
Camera angle adjustment	Pan ±90°, tilt +25 to +95°, rotation –5 to +95°, twist ±20°	Built-in installation aids
System on chip (SoC)		Pixel counter, remote focus, remote zoom
Model	ARIPEC-7	Analytics
Memory	1024 MB RAM, 512 MB Flash	AXIS Object Analytics
Compute capabilities	Machine learning processing unit (MLPU)	Object classes: humans, vehicles Features: line crossing, object in area Up to 10 scenarios Metadata visualized with trajectories, color-coded bounding boxes and tables Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event Available for one channel
Video		Metadata
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	Object data: Classes: humans, faces, vehicles, license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions
Resolution	4x 1920x1080 (4x 2 MP) to 4x 640x360	Applications
Frame rate	Up to 25/30 fps (50/60 Hz)	Included AXIS Object Analytics, AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/ocap
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 Low latency mode	Cybersecurity
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR, white balance, day/night threshold, tone mapping, exposure mode, exposure zones, compression, rotation: 0°, 90°, 180°, 270° including Corridor Format, mirroring, dynamic text and image overlay, polygon privacy masks	Edge security
Audio		Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Axis Edge Vault cybersecurity platform TPM 2.0 (CC EAL4+, FIPS 140-2 Level 2), secure element (CC EAL 6+), Axis device ID, secure keystore, signed video, secure boot
Audio input/output	Audio features through portcast technology: two-way audio connectivity, voice enhancer A 30 W midspan or higher is required between AXIS T61 Audio and I/O Interfaces and AXIS P3727-PLE.	Network security
Network		IEEE 802.1X (EAP-TLS) ^a , IEEE 802.1AR, HTTPS/HSTS ^a , TLS v1.2/v1.3 ^a , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
IP address	One IP address for all channels	Documentation
Security	IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a network access control, user access log, centralized certificate management, signed video, Axis Edge Vault, Axis device ID, secure keystore (CC EAL4 certified), TPM (FIPS 140-2 certified)	AXIS OS Hardening Guide Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity
Network protocols	IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ⁴ , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTP, DHCPv4/v6, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Unk-Local address (ZeroConf)	General
System integration		Casing
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S and ONVIF [®] Profile T, specification at onvif.org	IP66-, IP67-, NEMA 4X- and IK09-rated impact-resistant, aluminum and plastic casing with polycarbonate hard-coated dome Color: white NCS S 1002-B Dome intrusion switch For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.
Onscreen controls	IR illumination Autofocus Privacy mask	Mounting
Event conditions	Audio: audio clip playing Device status: above operating temperature, above or below operating temperature, below operating temperature, casing	Mounting bracket with junction box holes (double-gang, single-gang, 4" square, and 4" octagon) ½" (M20) conduit side entry
		Sustainability
		PVC free
		Power
		Power over Ethernet (PoE) IEEE 802.3at Type 2 Class 4 IR illumination on ^b : Class 4, typical 12.5 W, max 21.7 W IR illumination off ^b : Class 3, typical 6.4 W, Class 4, max 15.0 W
		Connectors
		Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE

	Audio: Audio and I/O connectivity via portcast technology		NIST SP500-267
IR illumination	Four individually controllable IR with power-efficient, long-life 850 nm IR LEDs Range of reach 15 m (50 ft) or more depending on the scene	Dimensions	Height: 92 mm (3.6 in) ø 255 mm (10.0 in)
Storage	Support for microSD/microSDHC/microSDXC card Dual SD cards Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com	Weight	2.0 kg (4.4 lb)
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10-100% RH (condensing) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F)	Included accessories	Installation guide, Windows® decoder 1-user license, connector guard, screw bit T20
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)	Optional accessories	AXIS T94N010 Pendant Kit, AXIS T94N01L Recessed Mount ⁶ , AXIS TP3814-E Black Casing, AXIS TP3815-E Smoked Dome, Axis cabinets AXIS Surveillance Cards For more accessories, see axis.com
Approvals	EMC EN 50121-4, EN 55032 Class A, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), IEC 62236-4, KC KN32 Class A, KC KN35, RCM AS/NZS CISPR 32 Class A, VCCI Class A Safety CAN/CSA-C22.2 No. 60950-22, CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC 62471, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/IP67, IEC/EN 62282 IK09, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9) Network	Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
		Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
		Warranty	5-year warranty, see axis.com/warranty

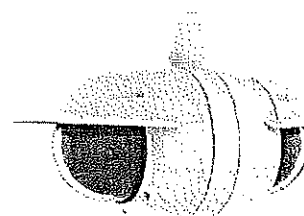
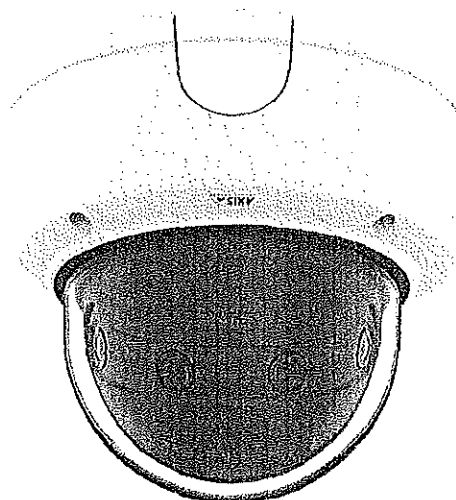
- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).
- b. Typical power consumption at ambient temperature 20°C (68°F) and maximum power consumption at -30°C (-22°F)
- c. The camera's tampering alarm doesn't work when mounted in AXIS T94N01L Recessed Mount

AXIS P3807-PVE Network Camera

Panoramic camera for seamless, 180° coverage

AXIS P3807-PVE Network Camera is a fixed dome camera with multiple sensors, providing an easy, reliable and cost-efficient one-camera installation – reducing installation time, cabling and VMS license costs. Thanks to its excellent image sensors, along with Forensic WDR and Lightfinder technology, it provides great video quality in any light conditions. Its four sensors give a seamless 180° panoramic overview, at up to 30 fps in 8.3 MP resolution. The camera is easy to install as recessed, flush, pendant, back-to-back, and comes with adjustable preset camera positions.

- > Seamlessly stitched images
- > 180° horizontal and 90° vertical coverage
- > 8.3 MP resolution at full frame rate
- > Axis Lightfinder and Forensic WDR
- > Axis Zipstream for reduced bandwidth and storage needs



AXIS P3807-PVE Network Camera

Camera	
Image sensor	4 x 1/2.9" progressive scan RGB CMOS
Lens	Fixed 3.2 mm, F2.0 Horizontal field of view: 180° Vertical field of view: 90° M12 mount
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.17 lux, F2.0 B/W: 0.05 lux, F2.0
Shutter speed	1/33500 to 1/10 s
Camera angle adjustment	Pan ±180° Tilt 0°, 35°, 45°, 55° Roll ±5°
System on chip (SoC)	
Model	ARTPEC-6
Memory	1024 MB RAM, 512 MB Flash
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	4320x1920 to 480x270
Frame rate	8.3 MP (client dewarp): up to 25/30 fps (50/60 Hz) without WDR, up to 12.5/15 fps (50/60 Hz) with WDR 7.5 MP (dewarped): up to 12.5/15 fps (50/60 Hz)
Video streaming	8.3 MP (client dewarp): 1 individually configurable stream in H.264 and Motion JPEG 7.5 MP (dewarped): 2 individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: up to 120 dB depending on scene, white balance, day/night threshold, exposure mode, compression, dynamic text and image overlay, exposure control, noise reduction, fine tuning of behavior at low light, polygon privacy masks
Audio	
Audio input/output	Two-way audio connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology
Network	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware
Network protocols	IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS ^a , TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ^b , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org
Event triggers	Analytics, edge storage events, shock detection MQTT subscribe
Event actions	Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap File upload: FTP, SFTP, HTTP, HTTPS network share, email Notification: email, HTTP, HTTPS TCP MQTT publish
Data streaming	Event data

Built-in installation aids	Pixel counter, leveling guide
Analytics	
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, AXIS Video Motion Detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/ocap
General	
Casing	IP66-/IP67- and NEMA 4X-rated, IK10-rated impact-resistant casing with polycarbonate hard coated clear dome, aluminum base and dehumidifying membrane Color: white NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.
Mounting	Mounting bracket with junction box holes (double-gang, single-gang, 4" square, and 4" octagon) ¾" (M25) conduit side entries
Sustainability	PVC free
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, typical 7 W, max 12.9 W
Connectors	Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) -20 °C to 50 °C (-4 °F to 122 °F) when using AXIS T61 Audio and I/O Interface Series Maximum temperature (intermittent): 60 °C (140 °F) Humidity 10–100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN/UL 60950-22, IEC/EN/UL 62368-1, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66/IP67, IEC/EN 62262 IK10, NEMA 250 Type 4X, NEMA TS 2 (2.2.7–2.2.9) Network NIST SP600-267
Dimensions	Height: 166 mm (6.54 in) Width without weathershield: 198 mm (7.8 in) Width with weathershield: 206 mm (8.1 in)
Weight	2.0 kg (4.5 lb)
Mounting height	Recommended: 4–15 m
Included accessories	Installation guide, Windows decoder 1-user license, Resistorx [®] L-key, weathershield, mounting bracket, cable gasket, Axis U-shape conduit adapter 30 mm
Optional accessories	AXIS T94V01C Dual Camera Mount, AXIS T94V02D Pendant Kit, AXIS T94V01L Recessed Mount, AXIS T91B47 Pole Mount For more accessories, see axis.com
Video management software	AXIS Companion [®] , AXIS Camera Station, video management software from Axis Application Development Partners available on axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese

Warranty 5-year warranty, see axis.com/warranty

b. Compatible with 7.5 MP (dewarped) only.

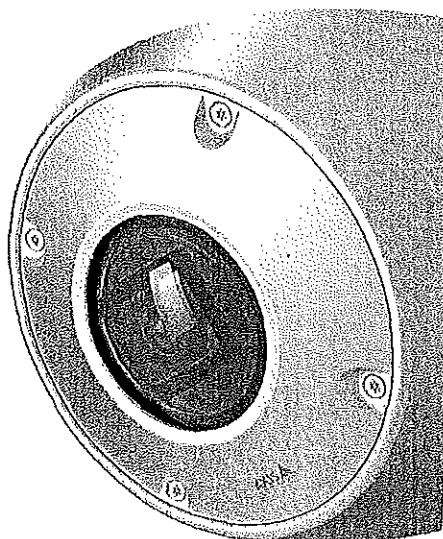
- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).

AXIS Q9216-SLV Network Camera

Impact-resistant anti-ligature camera

AXIS Q9216-SLV is a compact and robust ligature-resistant (anti-ligature) corner-mount camera that delivers 4 MP video quality. It covers 125 degrees horizontally and 95 degrees vertically, with no blind spots. Featuring invisible IR illumination, it's ideal for covert video surveillance in complete darkness. With an IK11/IP66 rated casing, it also includes a removable built-in microphone and an indication LED. The camera has polygonal privacy masking, which allows for flexible coverage and helps ensure occupant privacy is respected. Furthermore, signed firmware and a Trusted Platform Module (TPM, FIPS 140-2 level 2 certified) help prevent unauthorized access and safeguard your system.

- > Anti-ligature, robust (IK11)
- > Corner camera – no blind spots
- > WDR and invisible IR (940 nm)
- > Compact design – easy to install
- > Zipstream supporting H.264 and H.265



AXIS Q9216-SLV Network Camera

Models	AXIS Q9216-SLV Network Camera Steel AXIS Q9216-SLV Network Camera White
Camera	
Image sensor	1/2.5" progressive scan RGB CMOS
Lens	2.4 mm, F2.0 Horizontal field of view: 125° Vertical field of view: 95° Fixed focus, fixed iris, M12 mount
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.23 lux at F2.1 B/W: 0.05 lux at F2.1 0 lux with IR illumination on
Shutter speed	1/32500 s to 1/5 s
System on chip (SoC)	
Model	SSL
Memory	1024 MB RAM, 512 MB Flash
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Main and High profile H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG
Resolution	2304 x 1728 to 320x 240
Frame rate	Up to 30/25 fps (60/50 Hz) in all resolutions
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zinstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 HDMI
Multi-view streaming	2 individually cropped out view areas
HDMI output	HDMI 1080p (16:9) @25/30 fps (50/60 Hz) HDMI 720p (16:9) @50/60 fps (50/60 Hz)
Pan/Tilt/Zoom	Digital PTZ
Image settings	Saturation, contrast, brightness, sharpness, WDR, white balance, day/night threshold, exposure mode, compression, rotation: 0°, 90°, 180°, 270° including Corridor Format, mirroring, dynamic text and image overlay, polygon privacy mask
Audio	
Audio streaming	Two-way, full duplex
Audio encoding	24bit LPCM, AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate
Audio input/output	External microphone input or line input, line output, built-in microphone (removable) Balanced audio in and audio out is supported
Network	
Security	IP address filtering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, user access log, centralized certificate management
Network protocols	IPv4, IPv6, USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS ^a , TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ^a , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, SIP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com One-Click Cloud Connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX
Event conditions	Analytics, shock detection, casing open, edge storage events, supervised external input, audio level, time scheduled

Event actions	MQTT subscribe Calls: answer, end SIP calls, make SIP calls Upload of images or video clips: FTP, HTTP, HTTPS, SFTP, email and network share Notification: HTTP, HTTPS, TCP and email Audio clips, day-night mode, guard tours, I/O, IR illumination, overlay text, power saving mode, preset positions, prioritized text, recordings, SNMP trap messages, status LED, WDR mode MQTT publish
Data streaming	Event data
Built-in installation aids	Pixel counter, adjustable IR illumination intensity
Analytics	
Applications	Included AXIS Video Motion Detection, AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Cybersecurity	
Edge security	Software: Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Axis Edge Vault cybersecurity platform TPM 2.0 (CC EAL4+, FIPS 140-2 Level 2), secure keystore, secure boot
Network security	IEEE 802.1X (EAP-TLS) ^a , HTTPS/HTTPS ^a , TLS v1.2/v1.3 ^a , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
Documentation	AXIS OS Hardening Guide Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity
General	
Casing	Anti-ligature and anti-grip stainless steel casing and polycarbonate hard-coated dome. IP66-, IP69-, IP6K9K- and NEMA 4X-rated IK11 50 joules impact-resistant Steel: Color: Stainless steel White: Color: White NCS S 1002-B For repainting instructions of casing and impact on warranty, contact your Axis partner.
Sustainability	PVC free, BFR/CFR free
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max. 10.8 W Typical 4.7 W (default IR) Typical 3.9 W (power-saving mode with limited IR)
Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm (0.098 in) terminal block for 1 supervised digital input and 1 digital output (12 V DC output, max. load 25 mA) 3.5 mm mic/line in, 3.5 mm line out HDMI type D
IR illumination	Power-efficient, long-life and invisible 940 nm IR LED. Range of reach up to 15 m (49 ft) depending on the scene Optional power-saving mode to minimize IR LED power consumption
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Maximum temperature (intermittent): 55 °C (131 °F) Start-up temperature: -20 °C (-4 °F) to 55 °C (131 °F) Humidity 10-85% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)

Approvals	EMC EN 50130-4, EN 55032 Class A, EN 55035, IEC/EN 61000-6-1, IEC/EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, KC KN-32 Class A, KC KN-35, RCM AS/NZS CISPR 32 Class A, CISPR 24, CISPR 35
	Safety IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, IEC/EN 62471, IS 13252
Dimensions	Environment EN 50130-5 Class I, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66, EN 60529 IP69, ISO 20653 IP6K9K, IEC/EN 62262 IK11, NEMA 250 Type 4X
	Network NIST SP600-267
Weight	Height: 131 mm (5.16 in) Width: 209 mm (8.23 in) Depth: 176 mm (6.93 in) Height when corner-mounted: 116 mm (4.57 in) Depth when corner-mounted: 148 mm (5.83 in)
	1.6 kg (3.5 lb)

Included accessories	Installation guide, Windows® decoder 1-user license, AVHS Authentication key, AXIS Device Microphone A, AXIS Connector A 4-pin 2.5 straight, cable gaskets, RESISTORX® 20 bit
Optional accessories	AXIS TQ8601 Conduit Top Box, AXIS T8645 PoE+ over Coax Compact AXIS Surveillance Cards For more accessories, see axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Warranty	5-year warranty, see axis.com/warranty

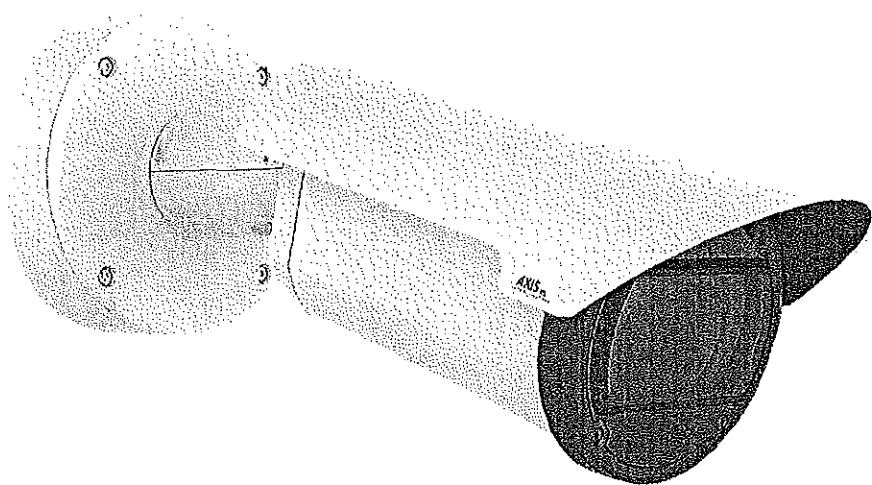
a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).

AXIS Q1786-LE Network Camera

Robust, first-class 4 MP video with 32x optical zoom

AXIS Q1786-LE Network Camera is an all-integrated camera delivering 4 megapixel resolution and 32x optical zoom for easy and flexible installation at any distance as well as detailed video for identification. With a wide temperature range, impact resistance and IP66, IP67 and NEMA 4X ratings, this robust and reliable camera is ready for tough environments. Lightfinder, Forensic WDR and OptimizedIR with 80 m (262 ft) range ensure details in challenging light conditions and darkness. AXIS Q1786-LE offers built-in analytics for proactive surveillance, corridor format and audio in for video with sound. Furthermore, Axis Zipstream saves bandwidth while keeping high video quality.

- > 4 MP / Quad HD 1440p at up to 60 fps
- > -40 °C to 60 °C (-40 °F to 140 °F)
- > OptimizedIR with 80 m (262 ft) range
- > Electronic Image Stabilization
- > AXIS Guard Suite included



AXIS Q1786-LE Network Camera

Camera		Onscreen controls	
Image sensor	1/1.8" progressive scan RGB CMOS	Electronic image stabilization	Day/night shift
Lens	4.3–137 mm, F1.4–4.0 Horizontal field of view: 80°–2.3° Vertical field of view: 39°–1.3° Autofocus, auto-iris, automatic day/night Thread for 82 mm filters, max filter thickness: 5 mm	Defogging	Wide dynamic range
Day and night	Automatically removable infrared-cut filter in day mode and infrared-pass filter 720 nm in night mode	IR illumination	Autofocus
Minimum illumination	Color: 0.18 lux at 50 IRE F1.4 B/W: 0.04 lux at 50 IRE F1.4 0 lux with IR illumination on	Event triggers	Analytics, edge storage events Supervised external input, virtual inputs through API, shock detection, audio detection MQTT subscribe
Shutter speed	1/100000 s to 2 s	Event actions	Pre- and post-alarm video buffering File upload: FTP, SFTP, HTTP, HTTPS, network share and email MQTT publish Notification: email, HTTP, HTTPS, TCP and SNMP trap
System on chip (SoC)		Data streaming	Event data
Model	ARTPEC-6	Built-in installation aids	Remote zoom, pixel counter, leveling assistant, autorotation
Memory	1024 MB RAM, 512 MB Flash	Analytics	
Video		Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm, gatekeeper Supported AXIS Perimeter Defender, AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/ocap
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	General	
Resolution	2560x1440 to 160x120 Maximum pixel density with 32x optical zoom: 25 m (82 ft): 2551 px/m 50 m (164 ft): 1275 px/m 250 m (820 ft): 255 px/m	Casing	IP66-, IP67-, and NEMA 4X-rated, IK10 impact-resistant aluminum enclosure with integrated dehumidifying membrane, IK08 impact-resistant glass front window, weathershield with black anti-glare coating Color: White NCS S 1002-B For repainting instructions of casing and impact on warranty, contact your Axis partner.
Frame rate	With WDR: Up to 25/30 fps (50/60 Hz) in all resolutions Without WDR: Up to 50/60 fps (50/60 Hz) in all resolutions	Sustainability	PVC free, 2% recycled plastic
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264	Memory	1024 MB RAM, 512 MB Flash
Image settings	Saturation, contrast, brightness, sharpness, Forensic WDR: Up to 120 dB depending on scene, defogging, white balance, day/night threshold, exposure mode, exposure zones, compression, mirroring of images, electronic image stabilization, barrel distortion correction, text and image overlay, dynamic text and image overlay, privacy masks Rotation: auto, 0°, 90°, 180°, 270° including Corridor Format Scene profiles: forensic, vivid, traffic overview, backlit entrance	Power	Power over Ethernet (PoE) IEEE 802.3at/802.3at Type 1 Class 3 Typical 8.6 W, max 12.95 W 20–28 V DC, typical 8.6 W, max 13.8 W 20–24 V AC, typical 12.6 V A, max 20 V A
Pan/Tilt/Zoom	32x optical zoom, preset positions	Connectors	Shielded RJ45 10BASE-T/100BASE-TX PoE IDC punchdown connector DC Power connector Terminal block for two configurable supervised inputs / digital outputs (12 V DC output, max. load 50 mA) 3.5 mm mic/line in
Audio		IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LED's with adjustable angle of illumination and intensity. Range of reach 30 m (98 ft) in wide field of view and 80 m (262 ft) in full tele view, or more depending on the scene
Audio streaming	Audio in, simplex Two-way audio via edge-to-edge technology	Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Audio encoding	AAC-LC 8/16/32/48 kHz, 6.711 PCM 8 kHz, 6.726 ADPCM 8 kHz, Opus 8/16/48 kHz, LPCM Configurable bit rate	Operating conditions	–40 °C to 60 °C (–40 °F to 140 °F) Maximum temperature according to NEMA TS 2 (2.2.7): 74 °C (165 °F) Humidity 10–100% RH (condensing)
Audio input/output	Automatic gain control, external microphone input, line input, digital input with ring power, balanced microphone, balanced input Network speaker pairing	Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Network		Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KCC KN32 Class A, KN35, EAC Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, EN/IEC 62471 IS 13252 Environment EN 50581, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-30, IEC 60068-2-27
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, digest authentication, user access log, centralized certificate management, signed firmware, brute force delay protection	System integration	
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS ^a , TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)	Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile M, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org

	IEC 60068-2-78, IEC/EN 60529 IP66, IP67, IEC/EN 62262 IK10 body, IK08 glass, NEMA 250 Type 4X, NEMA TS 2 (2.2.7-2.2.9) Network NIST SP500-267	For more accessories, see axis.com
Dimensions	Length: 386 mm (15 3/16 in) ø 147 mm (5 13/16 in)	Video management software AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Weight	2.4 kg (5.3 lb)	Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Included accessories	Installation guide, Windows [®] decoder 1-user license, connector kit, Resistor [®] L-key RJ45 patch cable	Warranty 5-year warranty, see axis.com/warranty
Optional accessories	AXIS TB604 Media Converter Switch AXIS T91A47 Pole Mount, AXIS T94P01B Corner Bracket AXIS Q17 Front Window Kit B (IK10 impact-resistant plastic front window)	a. <i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eoy@cryptsoft.com).</i>



Quoted by Stephanie D. Seymour
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 (203) 287-1306 FAX (203) 248-9167
 ATTN: Jeff Robillard
 Town of Waterford
jrobillard@waterfordschools.org
 860-625-5765

Quote 2208-42

Rev 4
 Date: 8/2/2023

Expires: 9/1/2023

High School
 Security Systems

QTY	DESCRIPTION	PER UNIT	EXTENDED
	I. MILESTONE SOFTWARE:		
174	XPCODL XProtect Corporate Device Licenses	\$261.02	\$43,781.01
174	YXCODL One Year Care Plus Support SUP Device Licenses	\$45.94	\$7,993.91
	II. CAMERAS -		
	A. Interior:		
100	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$86,320.00
8	5507-461 Axis T91B51 Ceiling mount	\$127.45	\$1,019.62
8	01189-001 Axis T91B53 Telescopic Pole	\$186.73	\$1,493.86
29	02374-001 Axis M3086-V Fixed Dome 2.4mm 130	\$347.10	\$10,065.90
12	01190-001 Axis T94S01P Conduit Boxes	\$131.30	\$1,575.60
4	02416-001 Axis P4707-PLVE IP Fixed Dome Panoramic Camera	\$1,085.83	\$4,343.30
	B. Exterior - front of building and doors		
15	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$12,948.00
7	5506-481 Axis Wall Mount Bracket	\$48.41	\$338.88
7	5507-601 Axis T94R01B Corner Bracket	\$68.17	\$477.20
7	5505-081 Axis T94K01D Pendant Kit	\$48.41	\$338.88
14	02342-001 Axis P1468-LE IP3 4K Bullet Camera 1080 D/N P-iris remote	\$1,036.41	\$14,509.77
12	02373-001 Axis P3727-PLVE Network Camera 15MP IR 4 x Quad	\$1,431.61	\$17,179.34
12	01513-001 Axis T94N01D Pendant Kit for Wall Mount	\$81.15	\$973.75
12	01513-001 Axis T91D61 Wall Mount Fixed Dome Pendant Kits	\$97.81	\$1,173.74
4	5017-641 Axis T91A64 Corner Bracket	\$85.23	\$340.91
12	02172-004 Axis Midspan POE Single Port	\$76.44	\$917.28
1	Unistrut for mounting score board and dug out	\$150.00	\$150.00
3	PMP450i Cambium 5 GHz Access Points on HS Rooftop.	\$2,792.40	\$8,377.20
1	MTX2012GxPA11 Cambium CNMATRIX TX2012R Intelligent ethernet POE Switch.	\$1,852.50	\$1,852.50
1	Cambium CRPS-AC-1200W Total Power	\$724.46	\$724.46
8	5871325H01 Cambium AC Power Photo Cell Adapter Kits	\$257.99	\$2,063.88
4	PTP450i Cambium 5GHz End Units.	\$1,020.50	\$4,082.00
8	PMP450i Cambium 5 GHz Subscriber Modules	\$858.00	\$6,864.00
15	PTP450i Kit w/ PMP 30W, 56V Power Supply, surge Suppressor, 1' line cord and Universal mount.	\$131.30	\$1,969.50
3	Axis T98A15-VE Outdoor Vandal Resist Enclosures	\$312.00	\$936.00
3	TRENDnet 6 port Harden Switch	\$436.80	\$1,310.40
3	TRENDnet Din-Rail 120-Watt power supply	\$158.60	\$475.80
25000	849231 General Cable CAT6 Network Cable	\$0.39	\$9,750.00
380	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$380.38
158	Hubbell Surface Mount Box w/ Modular Jack Cat6	\$25.03	\$3,953.95
158	3' Standard patch cables	\$2.30	\$363.56
1	Miscellaneous parts - conduit, connectors	\$5,000.00	\$5,000.00
	IV. SERVER:		
	b. Milestone Server:		
4	D75M180TB2RL-3216 Dell 12 Bay - WS 2022 STD, XEON 12 CPU, 32GB ECC RAM, 2x 480GB M2 R1 OS, 2x 3.85TB SSD R1 LIVE, 120TB (RAW) SATA R5 Archive, HW RAID, 4x1GbE NIC, 2x 800W PS, KB/M, 2U Rack with Rails - 3 YR Dell NBD Basic Hardware Warranty, 3 YR Seagate HDD Warranty.	\$17,413.76	\$69,655.04
	V. INSTALLATIONS COSTS:		
1	YR Warranty	\$5,000.00	\$5,000.00
1	Project Management and Engineering	\$3,000.00	\$3,000.00
825	Installation of Equipment, Setup of Cameras, and Milestone Set-up. Set-up.	\$135.00	\$111,375.00
	TOTAL COST OF EQUIPMENT AND INSTALLATION:		\$443,074.63
	Notes: 1. Network connection located at press box and softball field shed. 2. Continuous 110 power at the poles. 3. All IT Network Hardware being provided by Town: switches/patch panels. 4. Priced for Prevailing Wage = Labor.		
	THANK YOU		



Quoted by Stephanie D. Seymour
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 (203) 287-1306 FAX (203)248-9167
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jrobillard@waterfordschools.org
 860-625-5765

Quote 2208-40

Rev 4

Date: 8/2/2023

Expires: 9/1/2023

Clark Lane Middle School
 Re: Security Systems

QTY	DESCRIPTION	PER UNIT	EXTENDED
	I. MILESTONE SOFTWARE:		
104	XPCODL XProtect Coporate Device Licenses	\$251.62	\$26,167.96
104	YXPPPLUSDL One Year Care Plus Support SUP Device Licenses	\$46.15	\$4,799.60
	II. CAMERAS -		
74	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$63,876.80
5	5506-481 Axis Wall Mount Bracket	\$48.41	\$242.06
5	5507-601 Axis T94R01B Corner Bracket	\$68.17	\$340.86
5	5505-081 Axis T94K01D Pendent Kit	\$48.41	\$242.06
10	01190-001 Axis T94S01P conduit Boxes	\$131.30	\$1,313.00
4	5507-461 Axis T91B51 Ceiling mount	\$127.45	\$509.81
4	01189-001 Axis T91B53 Telescopic Pole	\$186.73	\$746.93
18	02374-001 Axis M3086-V Fixed Dome 2.4mm 130	\$347.10	\$6,247.80
10	02373-001 Axis P3727-PLE Network Camera 15MP IR 4 x Quad	\$1,431.61	\$14,316.12
10	01513-001 Axis T94N01D Pendant Kit for Wall Mount	\$86.00	\$859.95
10	01513-001 Axis T91D61 Wall Moun Fixed Dome Pendant Kits	\$81.15	\$811.46
6	5017-641 Axis T91A64 Corner Bracket	\$76.44	\$458.64
8	02172-004 Axis Midspan POE Single Port	\$76.44	\$611.52
2	02342-001 Axis P1468-LE IP3 4K Bullet Camera 1080 D/N P-iris remote	\$1,036.41	\$2,072.82
18000	849231 General Cable CAT6 Network Cable	\$0.39	\$7,020.00
208	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$208.21
102	3' Standard patch cables	\$2.30	\$234.70
102	Hubbell surface mount boxes w/ Modular Jack	\$25.03	\$2,552.55
1	Miscellaneous parts - conduit, connectors	\$2,000.00	\$2,000.00
2	PTP450i Cambium 5 GHz Suscriber Modules	\$1,135.19	\$2,270.37
2	PTP450i Kit w/ PMP 30W, 56V Power Supply, surge Suppressor, 1' line cord and Universal mount.	\$131.30	\$262.60
2	Canopy tilt Bracket Assembly	\$33.80	\$67.60
2	5871325H01 Cambium Photo Cell	\$257.99	\$515.97
	III. SERVER:		
3	D75M180TB2RL-3216 Dell 12 Bay - WS 2022 STD, XEON 12C CPU, 32GB ECC RAM, 2x 480GB M2 R1 OS, 2x 2.84TB SSD R1 LIVE, 140TB (RAW) SATA R5 ARCHIVE, HW RAID, 4x1GbE NIC, 2x 800W PS, KB/M 2U Rack with Rails - 3YR Dell NBD Basic hardware Warranty, 3 YR Seagate HDD Warranty.	\$17,413.76	\$52,241.28
	IV. INSTALLATIONS COSTS:		
1	YR Warranty	\$3,000.00	\$3,000.00
1	Project Management and Engineering	\$2,000.00	\$2,000.00
510	Installation of Equipment, Setup of Cameras, and Milestone Set-up. Set-up.	\$135.00	\$68,850.00
	TOTAL COST OF EQUIPMENT AND INSTALLATION:		\$264,840.67
	Notes: 1. Town to provide constant 110 power to the poles. 2. All IT Network Hardware being provided by Town: switches / patch panels. 3. Priced for Prevailing Wage = Labor.		
	THANK YOU.		



Quoted by Stephanie D. Seymour

920 SHERMAN AVENUE HAMDEN, CT 06514

(203) 287-1306 FAX (203) 248-9167

ATTN: Jeff Robillard

Town of Waterford

jrobillard@waterfordschools.org

860-625-5765

Quote 2208-24

Rev 2

Date: 8/1/2023

Expiration: 9/1/2023

Great Neck School
Security Systems

QTY	DESCRIPTION	PER UNIT	EXTENDED
	I. MILESTONE SOFTWARE:		
56	XPCODL XProtect Corporate Device Licenses	\$251.62	\$14,090.44
56	YXCODL One Year Care Plus Support SUP Device Licenses	\$46.15	\$2,584.40
	II. CAMERAS -		
	a. Interior:		
17	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$837.20	\$14,232.40
1	01048-004 Axis P3807-PVE IP Fixed Dome, 180 Degree	\$1,333.61	\$1,333.61
20	02374-001 Axis M3086-V Fixed Dome 2.4mm 130	\$347.10	\$6,942.00
	b. Exterior:		
6	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$837.20	\$5,023.20
5	5506-481 Axis Wall Mount Bracket	\$48.41	\$242.06
5	5507-601 Axis T94R01B Corner Bracket	\$68.17	\$340.86
5	5505-081 Axis T94K01D Pendant Kit	\$48.41	\$242.06
7	02373-001 Axis P3727-PL Network Camera 15MP IR 4 x Quad	\$1,431.61	\$10,021.28
7	01513-001 Axis T94N01D Pendant Kit for Wall Mount	\$86.00	\$601.97
7	01513-001 Axis T91D61 Wall Mount Fixed Dome Pendant Kits	\$81.15	\$568.02
3	5017-641 Axis T91A64 Corner Bracket	\$76.44	\$229.32
3	01470-001 Axis T91B57 Pole Mount Kit	\$372.29	\$1,116.88
7	02172-004 Axis Midspan POE Single Port	\$76.44	\$535.08
5	02342-001 Axis P1468-LE IP3 4K Bullet Camera 1080 D/N P-Iris remote	\$1,036.41	\$5,182.06
8	PTP450I Cambium GGHZ End Units	\$1,135.19	\$9,081.49
8	5871325H01 Cambium AC Power Photo Cell Adapter Kits	\$257.99	\$2,063.88
8	PTP450I Kit w/ PMP 30W, 56V Power Supply, surge Suppressor, 1' line cord and Universal mount.	\$131.30	\$1,050.40
4	Tilt Bracket Assembly	\$33.98	\$135.93
4	Canopy Universal Mounting Bracket	\$49.92	\$199.68
52	Hubbell Surface Mount Box w/ Modular Jack Cat6	\$25.03	\$1,301.30
52	3' Standard patch cables	\$2.30	\$119.65
12500	849231 General Cable CAT6 Network Cable	\$0.39	\$4,875.00
112	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$112.11
1	Miscellaneous parts - conduit, connectors	\$2,250.00	\$2,250.00
	III. SERVER:		
1	D75M180TB2RL-3216 Dell 12 Bay - WS 2022 STD, XEON 12C CPU, 32GB ECC RAM, 2x 480GB M2 R1 OS, 2x 2.84TB SSD R1 LIVE, 140TB (RAW) SATA R5 ARCHIVE, HW RAID, 4x1GbE NIC, 2x 800W PS, KB/M 2U Rack with Rails - 3YR Dell NBD Basic hardware Warranty, 3 YR Seagate HDD Warranty.	\$17,413.76	\$17,413.76
	IV. INSTALLATIONS COSTS:		
1	YR Warranty	\$2,500.00	\$2,500.00
1	Project Management and Engineering	\$1,500.00	\$1,500.00
335	Installation of Equipment, Setup of Cameras, and Milestone Set-up. Set-up.	\$135.00	\$45,225.00
	TOTAL COST OF EQUIPMENT AND INSTALLATION:		\$151,113.84
	Notes: 1. Continuous 110 power at the poles. 2. All IT Network Hardware being provided by Town: switches/patch panels. 3. Priced for Prevailing Wage = Labor.		
	THANK YOU		



Quoted by Stephanie D. Seymour

920 SHERMAN AVENUE HAMDEN, CT 06514

(203) 287-1306 FAX (203)248-9167

ATTN: Jeff Robillard

Town of Waterford

jrobillard@waterfordschools.org

860-625-5765

Quote 2208-22

Rev 3

Date: 8/2/2023

Expiration: 9/1/2023

Oswegatchie School
Security Systems

QTY	DESCRIPTION	PER UNIT	EXTENDED
I. MILESTONE SOFTWARE:			
53	XPCODL XProtect Corporate Device Licenses	\$251.62	\$13,335.60
53	YXCODL One Year Care Plus Support SUP Device Licenses	\$46.15	\$2,445.95
II. CAMERAS -			
a. Interior:			
17	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$14,674.40
3	01190-001 Axis T94S01P Conduit Back Boxes	\$131.30	\$393.90
1	01048-004 Axis P3807-PVE IP Fixed Dome, 180 Degree	\$1,431.61	\$1,431.61
21	02374-001 Axis M3086-V Fixed Dome 2.4mm 130	\$347.10	\$7,289.10
b. Exterior:			
5	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$4,316.00
7	02373-001 Axis P3727-PLV Network Camera 15MP IR 4 x Quad	\$1,431.61	\$10,021.28
7	01513-001 Axis T94N01D Pendant Kit for Wall Mount	\$97.81	\$684.68
2	01513-001 Axis T91D61 Wall Moun Fixed Dome Pendant Kits	\$81.15	\$162.29
5	5017-641 Axis T91A64 Corner Bracket	\$85.62	\$428.09
2	01470-001 AxisT91B57 Pole Mount Kit	\$124.10	\$248.20
7	02172-004 Axis Midspan POE Single Port	\$76.44	\$535.08
2	02342-001 Axis P1468-LE IP3 4K Bullet Camera 1080 D/N P-iris remote	\$1,036.41	\$2,072.82
4	PTP450i Cambium GHz End Units	\$1,135.19	\$4,540.74
4	5871325H01 Cambium AC Power Photo Cell Adapter Kits	\$257.99	\$1,031.94
4	PTP450i Kit w/ PMP 30W, 56V Power Supply, surge Suppressor, 1' line cord and Universal mount.	\$131.30	\$525.20
2	Tilt Bracket Assembly	\$33.98	\$67.96
4	Canopy Universal Mounting Bracket	\$49.92	\$199.68
10000	849231 General Cable CAT6 Network Cable	\$0.39	\$3,900.00
112	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$112.11
56	Hubbell Surface Mount Box w/ Modular Jack Cat6	\$25.03	\$1,401.40
56	3' Standard patch cables	\$2.30	\$128.86
1	Miscellaneous parts - conduit, connectors	\$2,000.00	\$2,000.00
III. SERVER:			
Milestone Server:			
1	D75M180TB2RL-3216 Dell 12 Bay - WS 2022 STD, XEON 12 CPU, 32GB ECC RAM, 2x 480GB M2 R1 OS, 2x 3.85TB SSD R1 LIVE, 120TB (RAW) SATA R5 Archive, HW RAID, 4x1GbE NIC, 2x 800W PS, KB/M, 2U Rack with Rails - 3 YR Dell NBD Basic Hardware Warranty, 3 YR Seagate HDD Warranty.	\$17,413.76	\$17,413.76
1	YR Warranty	\$2,000.00	\$2,000.00
1	Project Management and Engineering	\$1,200.00	\$1,200.00
272	Installation of Equipment, Setup of Cameras, and Milestone Set-up. Set-up.	\$135.00	\$36,720.00
TOTAL COST OF EQUIPMENT AND INSTALLATION:			\$129,280.66
Notes: 1. Remote Access for programming is needed; 2. Town to provide constant 110 power to the poles. 3. All IT Network Hardware being provided by Town: switches / patch panels. 4. Priced for Prevailing Wage = Labor.			
THANK YOU			



Quoted by Stephanie D. Seymour
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 (203) 287-1306 FAX (203)248-9167
 ATTN: Jeff Robillard
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jrobillard@waterfordschools.org
 860-625-5765

Quote 2304-50

Rev 1

Date: 8/1/2023

Expiration: 9/1/2023

Quaker Hill Add-On
 Security Systems

QTY.	DESCRIPTION	PER UNIT	EXTENDED
	I. MILESTONE SOFTWARE:		
5	XPCODL XProtect Corporate Device Licenses	\$296.01	\$1,480.05
5	YXCODL One Year Care Plus Support SUP Device Licenses	\$54.05	\$270.27
	II. CAMERAS -		
	a. Interior:		
4	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$3,452.80
	b. Exterior:		
1	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$863.20
1	5506-481 Axis Wall Mount Bracket	\$48.41	\$48.41
1	5507-601 Axis T94R01B Corner Bracket	\$68.17	\$68.17
1	5505-081 Axis T94K01D Pendant Kit	\$48.41	\$48.41
1	02373-001 Axis P3727-PL Network Camera Quad	\$1,431.61	\$1,431.61
1	01513-001 Axis T94N01D Pendant Kit for Wall Mount	\$86.00	\$86.00
1	01513-001 Axis T91D61 Wall Moun Fixed Dome Pendant Kits	\$81.15	\$81.15
1	5017-641 Axis T91A64 Corner Bracket	\$76.44	\$76.44
1	02172-004 Axis Midspan POE Single Port	\$76.44	\$76.44
1500	849231 General Cable CAT6 Network Cable	\$0.39	\$585.00
5	Hubbell Surface Mount Box w/ Modular Jack Cat6	\$25.03	\$125.13
5	3' Standard patch cables	\$2.30	\$11.51
12	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$12.01
2	PTP450i Cambium 5GHz End Units.	\$1,135.19	\$2,270.37
2	PTP450i Kit w/ PMP 30W, 56V Power Supply, surge Suppressor, 1' line cord and Universal mount.	\$131.30	\$262.60
1	5871325H01 Cambium Photo Cell	\$257.99	\$257.99
2	Tilt Bracket Assembly	\$33.80	\$67.60
	III. INSTALLATIONS COSTS:		
1	YR Warranty	\$1,000.00	\$1,000.00
1	Project Management and Engineering	\$750.00	\$750.00
62	Installation of Equipment, Setup of Cameras, and Milestone Set-up. Set-up.	\$135.00	\$8,370.00
	TOTAL COST OF EQUIPMENT AND INSTALLATION:		\$21,695.15
	Notes: 1. All IT Hardware being provided by Town: switches / patch panels. 2. Town will supply remote access for programming of systems. 3. Priced for Prevailing Wage = labor.		
	THANK YOU		



Quote by Stephanie Seymour

O: 203-287-1306 C: 203-974-9078

To: Jeff Robillard

Director of Information Technology

Town of Waterford

jrobillard@waterfordct.org

Quote #: 2209-15

Rev 2

Date: 8/1/2023

Expires: 9/1/2023

Waterford Police Department
Town of Waterford

Qty.	Description	Each	Extended
	I. MILESTONE SOFTWARE:		
67	XPCODL XProtect Corporate Device Licenses	\$296.01	\$19,832.67
67	YXCODL One Year Care Plus Support SUP Device Licenses	\$54.05	\$3,621.62
	II. CAMERAS -		
	A. Exterior -		
5	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$4,316.00
2	5508-481 Axis Wall Mount Bracket	\$48.41	\$96.82
2	5507-601 Axis T84R01B Corner Bracket	\$68.17	\$136.34
2	5505-081 Axis T94K01D Pendant Kit	\$48.41	\$96.82
3	01190-001 Axis T94S01P Conduit Boxes	\$131.30	\$393.90
5	02373-001 Axis P3727-PLC Network Camera Quad	\$1,431.61	\$7,158.08
5	5504-821 Axis T81D01 Camera Wall Mount Bracket	\$81.15	\$405.73
5	01513-001 Axis T94N01D Pendant Kit w/	\$97.81	\$489.06
1	5017-641 Axis T1A64 Corner Bracket	\$85.62	\$85.62
3	01473-001 Axis 91B67 Pole Mount 65-165 mm	\$124.10	\$372.29
5	02172-004 Axis Midspan, POE Single Port	\$76.44	\$382.20
4	02342-001 Axis P1468-LE IP 4K Bullet Camera 1080P D/N P-Iris	\$1,036.41	\$4,145.65
	B. Interior Camera:		
19	01768-001 Q9216-SLV Steel Axis Fixed Dome Camera for cells.	\$1,224.15	\$23,258.76
4	01767-001 Q9216-SLV Axis Steel Fixed Dome Cameras for cells	\$1,224.15	\$4,896.58
25	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$21,580.00
5	02374-001 Axis M3086-V Fixed Dome 2.4mm 130	\$347.10	\$1,735.50
11000	849231 General Cable CAT6 Network Cable	\$0.39	\$4,290.00
67	3' Standard patch cables	\$2.30	\$154.17
67	Hubbell surface Mount Boxes w/ Modular Jack	\$25.03	\$1,676.68
134	100010C EX-RJ45 Cat6 Connectors	\$1.04	\$139.29
	III. NETWORK:		
1	TRENDnet 6-port Hardened Unmanaged Gigabit	\$247.09	\$247.09
1	DIN Rails	\$13.00	\$13.00
1	DIN-Rail Power Supply	\$66.24	\$66.24
2	PTP450i Cambium 5 GHz Access Points	\$3,316.00	\$6,630.00
3	PMP450i Cambium 5 GHz Subscriber Modules	\$852.51	\$2,557.54
2	PTP450i Cambium 5 GHz End Units	\$1,020.84	\$2,041.29
5	5871325H01 Cambium AC Power PoE Cell Adapter Kits	\$257.99	\$1,289.93
8	PMP 30W, 56V Power Supply	\$29.77	\$238.16
7	1' AC Line cord for PTP450	\$5.62	\$39.31
7	Canopy Surge Suppressor	\$35.43	\$247.98
4	Canopy Universal Mounting Bracket	\$49.92	\$199.68
3	Tilt Bracket Assembly	\$33.98	\$101.95
1	5900-151 Axis T98A15-VE Outdoor Vandal Resist Enclosure	\$325.52	\$325.52
1	5010-671 Axis T95A67 Pole Bracket for Cabinets	\$137.33	\$137.33
	IV. SERVER:		
2	D75M180TB2RL-3216 Dell 12 Bay - WS 2022 STD, XEON 12 CPU, 32GB ECC RAM, 2x 480GB M2 R1 OS, 2x 3.85TB SSD R1 LIVE, 120TB (RAW) SATA R5 Archive, HW RAID, 4x1GbE NIC, 2x 800W PS, KB/M, 2U Rack with Rails - 3 YR Dell NBD Basic Hardware Warranty, 3 YR Seagate HDD Warranty.	\$17,413.76	\$34,827.52
	V. INSTALLATIONS COSTS:		
1	YR Warranty	\$2,000.00	\$2,000.00
1	Project Management and Engineering	\$1,000.00	\$1,000.00
1	Installation of Equipment, Setup of Cameras, Camera Views, and Milestone Set-up.	\$52,000.00	\$52,000.00
	Cost of Equipment and Labor:		\$203,226.28
	Customer to provide:		
	1. Routing done by IT Department		
	2. Continuous 110 power at the poles.		
	3. Continuous 110 power at the gas pumps accessible for this project.		
	4. Remote Access for programming is needed.		
	5. All IT Hardware being provided by Town: switches / patch panels.		
	6. Priced for Prevailing Wage = labor.		
	THANK YOU		



Quoted by Stephanie D. Seymour
 920 SHERMAN AVENUE HAMDEN, CT 06514
 (203) 287-1306 FAX (203) 248-9167
 ATTN: Jeff Robillard
 Town of Waterford
jrobillard@waterfordschools.org
 860-625-5765

Quote 2208-29

Rev 3

Date: 8/2/2023

Expires: 9/1/2023

EOC
Security Systems

QTY.	DESCRIPTION	PER UNIT	EXTENDED
I. MILESTONE SOFTWARE:			
14	XPCODL XProtect Corporate Device Licenses	\$296.01	\$4,144.14
14	YXCODL One Year Care Plus Support SUP Device Licenses	\$54.05	\$756.76
II. CAMERAS -			
a. Interior:			
6	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$5,179.20
4	02374-001 Axis M3086-V Fixed Dome Camera 2.4mm 130	\$347.10	\$1,388.40
b. Exterior:			
1	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$863.20
3	02373-001 Axis P3727-PLV Network Camera 15MP IR 4 x Quad	\$1,431.61	\$4,294.84
3	01513-001 Axis T94N01D Pendant Kit for Wall Mount	\$97.81	\$293.44
3	01513-001 Axis T91D61 Wall Moun Fixed Dome Pendant Kits	\$81.15	\$243.44
3	5017-641 Axis T91A64 Corner Bracket	\$85.62	\$256.85
3	02172-004 Axis Midspan POE Single Port	\$76.44	\$229.32
2500	849231 General Cable CAT6 Network Cable	\$0.39	\$975.00
30	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$30.03
14	Hubbell Surface Mount Box w/ Modular Jack Cat6	\$25.03	\$350.35
14	3' Standard patch cables	\$2.30	\$32.21
1	Miscellaneous parts - conduit, connectors	\$300.00	\$300.00
III. SERVER:			
1	D75M180TB2RL-3216 Dell 12 Bay - WS 2022 STD, XEON 12C CPU, 32GB ECC RAM, 2x 480GB M2 R1 OS, 2x 2.84TB SSD R1 LIVE, 140TB (RAW) SATA R5 ARCHIVE, HW RAID, 4x1GbE NIC, 2x 800W PS, KB/M 2U Rack with Rails - 3YR Dell NBD Basic hardware Warranty, 3 YR Seagate HDD Warranty.	\$17,413.76	\$17,413.76
IV. Installation:			
1	YR Warranty	\$1,500.00	\$1,500.00
1	Project Management and Engineering	\$300.00	\$300.00
68	Installation of Equipment, Setup of Cameras, and Milestone Set-up. Set-up.	\$135.00	\$9,180.00
TOTAL COST OF EQUIPMENT AND INSTALLATION:			\$47,730.93
Notes: 1. All IT Network Hardware being provided by Town: switches / patch panels. 2. Priced for Prevailing Wage = Labor.			
THANK YOU			



Quoted by Stephanie D. Seymour

920 SHERMAN AVENUE HAMDEN, CT 06514

(203) 287-1306 FAX (203) 248-9167

ATTN: Jeff Robillard

Town of Waterford

jrobillard@waterfordschools.org

860-625-5765

Quote 2211-78

Rev 5

Date: 8/2/2023

Expires: 9/1/2023

Municipal Complex
Security Systems

QTY	DESCRIPTION	PER UNIT	EXTENDED
I. MILESTONE SOFTWARE:			
13	XPCODL XProtect Corporate Device Licenses	\$296.01	\$3,848.13
13	YXCODL One Year Care Plus Support SUP Device Licenses	\$54.05	\$702.70
II. CAMERAS:			
5	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$4,316.00
1	5506-481 Axis Wall Mount Bracket	\$48.41	\$48.41
1	5507-601 Axis T94R01B Corner Bracket	\$68.17	\$68.17
1	5505-081 Axis T94K01D Pendant Kit	\$48.41	\$48.41
4	02416-001 Axis P4707-PLVE IP Fixed Dome Panoramic Camera	\$1,085.83	\$4,343.30
4	5504-641 Axis T91B63 Robust ceiling pole mount.	\$127.92	\$511.68
4	5504-641 Axis T94N02D Pendant Kit	\$127.92	\$511.68
2	02342-001 Axis P1468-LE IP3 4K Bullet Camera 1080 D/N P-Iris remote	\$1,036.43	\$2,072.85
2	01162-001 Axis Q1786-LE Distance Bullet	\$1,442.04	\$2,884.08
2500	849231 General Cable CAT6 Network Cable	\$0.39	\$975.00
26	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$26.03
13	Hubbell Surface Mount Box w/ Modular Jack Cat6	\$25.03	\$325.33
13	3' Standard patch cables	\$2.30	\$29.91
1	Miscellaneous parts - conduit, connectors	\$300.00	\$300.00
III. NETWORK:			
2	PTP450I Cambium 5GHz End Units	\$1,134.90	\$2,269.80
2	PMP 30W, 56V Power Supply	\$23.40	\$46.80
2	PTP450I Kit w/ PMP 30W, 56V Power Supply, surge Suppressor, 1' line cord and Universal mount.	\$131.30	\$262.60
60	Wuperior Armored Cat 5e Outdoor Ethernet Cable	\$1.43	\$85.80
2	Axis T98A15-VE Outdoor Vandal Resist Enclosures	\$325.52	\$651.04
2	Axis T95A67 Pole Bracket for Cabinets	\$137.33	\$274.66
2	TRENDnet 6 port Harden Switch	\$434.20	\$868.40
2	TRENDnet Din-Rail w/ 120-Watt power supply	\$159.89	\$319.77
IV. SERVER:			
1	075M180TB2RL-3216 Dell 12 Bay - WS 2022 STD, XEON 12 CPU, 32GB ECC RAM, 2x 480GB M2 R1 OS, 2x 3.85TB SSD R1 LIVE, 120TB (RAW) SATA R5 Archive, HW RAID, 4x1GbE NIC, 2x 800W PS, KB/M, 2U Rack with Rails - 3 YR Dell NBD Basic Hardware Warranty, 3 YR Seagate HDD Warranty.	\$17,413.76	\$17,413.76
V. INSTALLATIONS COSTS:			
1	YR Warranty	\$1,000.00	\$1,000.00
1	Project Management and Engineering	\$300.00	\$300.00
71	Installation of Equipment, Setup of Cameras, and Milestone Set-up. Set-up. Note climbing Rohn tower at transfer station.	\$135.00	\$9,585.00
TOTAL COST OF EQUIPMENT AND INSTALLATION:			\$54,089.32
Notes: 1. Routing done by IT Department 2. IT Hardware Equipment 3. Continuous 110 power at the poles. 4. Continuous 110 power at the gas pumps accessible for this project. 5. Remote Access for programming is needed. 6. Priced for Prevailing Wage = labor.			
THANK YOU			



Quoted by Stephanie D. Seymour
 920 SHERMAN AVENUE HAMDEN, CT 06514
 (203) 287-1306 FAX (203)248-9167
 ATTN: Jeff Robillard
 Waterfor Public Schools
 Town of Waterford
jrobillard@waterfordschools.org
 860-625-5765

Quote 2208-28

Rev 2

Date: 8/1/2023

Expiration: 9/1/2023

**Library
Camera System**

QTY.	DESCRIPTION	PER UNIT	EXTENDED
	I. MILESTONE:		
20	XPCODL XProtect Corporate Device Licenses	\$296.01	\$5,920.20
20	YXCODL One Year Care Plus Support SUP Device Licenses	\$54.05	\$1,081.08
	II. CAMERAS -		
	a. Interior:		
8	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$6,905.60
5	02374-001 Axis M3086-V Fixed Dome 2.4mm 130	\$347.10	\$1,735.50
	b. Exterior:		
2	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$1,726.40
2	02373-001 Axis P3727-PLE Network Camera Quad	\$1,431.61	\$2,863.22
2	01513-001 Axis T94N01D Pendant Kit for Wall Mount	\$86.00	\$171.99
2	01513-001 Axis T91D61 Wall Mount Fixed Dome Pendant Kits	\$97.81	\$195.62
2	5017-641 Axis T91A64 Corner Bracket	\$85.62	\$171.24
2	02172-004 Axis Midspan POE Single Port	\$76.44	\$152.88
3	02342-001 Axis P1468-LE IP3 4K Bullet Camera 1080 D/N P-iris remote	\$1,036.36	\$3,109.08
4500	849231 General Cable CAT6 Network Cable	\$0.39	\$1,755.00
40	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$40.04
20	Hubbell Surface Mount Box w/ Modular Jack Cat6	\$25.03	\$500.50
20	3' Standard patch cables	\$2.30	\$46.02
1	Miscellaneous parts - conduit, connectors	\$750.00	\$750.00
	III. SERVER:		
1	D75M180TB2RL-3216 Dell 12 Bay - WS 2022 STD, XEON 12 CPU, 32GB ECC RAM, 2x 480GB M2 R1 OS, 2x 3.85TB SSD R1 LIVE, 120TB (RAW) SATA R5 Archive, HW RAID, 4x1GbE NIC, 2x 800W PS, KB/M, 2U Rack with Rails - 3 YR Dell NBD Basic Hardware Warranty, 3 YR Seagate HDD Warranty.	\$17,413.76	\$17,413.76
	IV. INSTALLATIONS COSTS:		
1	YR Warranty	\$1,000.00	\$1,000.00
1	Project Management and Engineering	\$750.00	\$750.00
108	Installation of Equipment, Setup of Cameras, and Milestone Set-up.	\$135.00	\$14,580.00
	TOTAL COST OF EQUIPMENT AND INSTALLATION:		\$60,868.13
	Notes: 1. All IT Network Hardware being provided by Town: switches / patch panels. 2. Priced for Prevailing Wage = labor.		
	THANK YOU		



Quoted by Stephanie D. Seymour
 920 SHERMAN AVENUE HAMDEN, CT 06514
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jrobillard@waterfordschools.org
 860-625-5765

Quote 2208-26

Rev 3
 Date: 8/2/2023

Expiration: 9/1/2023

Waterford Community Center
 Security Systems

QTY	DESCRIPTION	PER UNIT	EXTENDED
	I. MILESTONE SOFTWARE:		
34	XPCODL XProtect Corporate Device Licenses	\$296.01	\$10,064.34
34	YXCODL One Year Care Plus Support SUP Device Licenses	\$54.05	\$1,837.84
	II. CAMERAS -		
	a. Interior:		
15	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$12,948.00
10	02374-001 Axis M3086-V Fixed Dome 2.4mm 130	\$347.10	\$3,471.00
	b. Exterior:		
4	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$3,452.80
4	5506-481 Axis Wall Mount Bracket	\$48.41	\$193.65
3	5507-601 Axis T94R01B Corner Bracket	\$68.17	\$204.52
3	5505-081 Axis T94K01D Pendant Kit	\$48.41	\$145.24
1	02373-001 Axis P3727-PL Network Camera Quad	\$1,431.61	\$1,431.61
1	01513-001 Axis T94N01D Pendant Kit for Wall Mount	\$97.81	\$97.81
1	01513-001 Axis T91D61 Wall Mount Fixed Dome Pendant Kits	\$81.15	\$81.15
1	5017-641 Axis T91A64 Corner Bracket	\$85.62	\$85.62
1	02172-004 Axis Midspan POE Single Port	\$76.44	\$76.44
4	02342-001 Axis P1468-LE IP3 4K Bullet Camera 1080 D/N P-iris remote	\$1,036.41	\$4,145.65
7000	849231 General Cable CAT6 Network Cable	\$0.39	\$2,730.00
34	Hubbell Surface Mount Box w/ Modular Jack Cat6	\$25.03	\$850.85
34	3' Standard patch cables	\$2.30	\$78.23
64	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$64.06
1	Miscellaneous parts - conduit, connectors	\$750.00	\$750.00
	III. SERVER:		
1	D75M180TB2RL-3216 Dell 12 Bay - WS 2022 STD, XEON 12 CPU, 32GB ECC RAM, 2x 480GB M2 R1 OS, 2x 3.85TB SSD R1 LIVE, 120TB (RAW) SATA R5 Archive, HW RAID, 4x1GbE NIC, 2x 800W PS, KB/M, 2U Rack with Rails - 3 YR Dell NBD Basic Hardware Warranty, 3 YR Seagate HDD Warranty.	\$17,413.76	\$17,413.76
	IV. INSTALLATIONS COSTS:		
1	YR Warranty	\$1,500.00	\$1,500.00
1	Project Management and Engineering	\$750.00	\$750.00
170	Installation of Equipment, Setup of Cameras, and Milestone Set-up. Set-up.	\$135.00	\$22,950.00
	TOTAL COST OF EQUIPMENT AND INSTALLATION:		\$85,322.56
	Notes: 1. Town to provide constant 110 power to the poles. 2. All IT Network Hardware being provided by Town: switches / patch panels. 3. Priced for Prevailing Wage = Labor.		
	THANK YOU		



Quoted by Stephanie D. Seymour
 920 SHERMAN AVENUE HAMDEN, CT 06514
 (203) 287-1306 FAX (203)248-9167
 ATTN: Jeff Robillard
 Town of Waterford
jrobillard@waterfordschools.org
 860-625-5765

Quote 2208-31

Rev 2

Date: 8/1/2023

Expiration: 9/1/2023

Youth Bureau
 Security Systems

QTY.	DESCRIPTION	PER UNIT	EXTENDED
	I. MILESTONE SOFTWARE:		
11	XPCODL XProtect Corporate Device Licenses	\$296.01	\$3,256.11
11	YXCODL One Year Care Plus Support SUP Device Licenses	\$54.05	\$594.59
	II. CAMERAS -		
	a. Interior:		
5	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$4,316.00
2	02374-001 Axis M3086-V Fixed Dome 2.4mm 130	\$347.10	\$694.20
	b. Exterior:		
3	01178-001 Axis M3058-PLVE Fixed Dome Camera 2992x2992 (12MP)	\$863.20	\$2,589.60
2	5506-481 Axis Wall Mount Bracket	\$48.41	\$96.82
2	5507-601 Axis T94R01B Corner Bracket	\$68.17	\$136.34
2	5505-081 Axis T94K01D Pendant Kit	\$48.41	\$96.82
1	02373-001 Axis P3727-PLE Network Camera Quad	\$1,431.61	\$1,431.61
1	01513-001 Axis T94N01D Pendant Kit for Wall Mount	\$86.00	\$86.00
1	01513-001 Axis T91D61 Wall Moun Fixed Dome Pendant Kits	\$81.15	\$81.15
1	5017-641 Axis T91A64 Corner Bracket	\$76.44	\$76.44
1	02172-004 Axis Midspan POE Single Port	\$76.44	\$76.44
2500	849231 General Cable CAT6 Network Cable	\$0.39	\$975.00
11	Hubbell Surface Mount Box w/ Modeular Jack Cat6	\$25.03	\$275.28
11	3' Standard patch cables	\$2.30	\$25.31
22	100010C EX-RJ45 Cat6 Connectors	\$1.00	\$22.02
1	Miscellaneous parts - conduit, connectors	\$500.00	\$500.00
	III. SERVER:		
1	Move exiting Municipal Server to this facility, install and reprogram	\$1,200.00	\$1,200.00
	IV. INSTALLATIONS COSTS:		
1	YR Warranty	\$1,000.00	\$1,000.00
1	Project Management and Engineering	\$750.00	\$750.00
62	Installation of Equipment, Setup of Cameras, and Milestone Set-up. Set-up.	\$135.00	\$8,370.00
	TOTAL COST OF EQUIPMENT AND INSTALLATION:		\$26,649.74
	Notes: 1. Remote Access for programming is needed; 2. Town to provide constant 110 power to the poles. 3. All IT Network Hardware being provided by Town: switches / patch panels. 4. Priced for Prevailing Wage = Labor.		
	THANK YOU		



Quote #: 2111-54

Rev 1

Quoted by Stephanie Seymour

Date: 8/4/2023

Office: 203-287-1306

Expire: 9/4/2023

ATTN: Jeff Robillard

IT Manager

Town of Waterford

860-625-5765

jrobillard@waterfordct.org

Town of Waterford
M01-C05-202-01-6C4B7F
Upgrade to Corporate

Qty.	Description	Each	Extended
	UPGRADE TO CORPORATE:		
1	XPCOBT XProtect Corporate Base License	\$2,867.44	\$2,867.44
70	XPCODL XProtect Corporate Device Licenses	\$296.01	\$20,720.70
1	XPSWBL XProtect Smart Wall Base License	Included	Included
1	XPSWBL Xprotect Incident Manager BL	Included	Included
1	YXPCOBT 1 YR Care Plus for Corporate BL	\$518.10	\$518.10
70	YXPCODL 1 YR Care Plus for Corporate DL	\$54.05	\$3,783.78
4	Labor for Upgrade	\$150.00	\$600.00
	Cost to Upgrade from Pro+ to Corporate:		\$28,490.02
	Pro+ Trade in Credits:		\$8,523.24
	Total Cost to Upgrade:		\$19,966.77
	This pricing is good for 30 days. Net Terms 30 Days.		
	THANK YOU		

Notes:

Itemized Pricing

Quote Prepared For: Town of Waterford

Quote Expires: 9/6/2023

CPE MATERIAL

QTY	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL PRICE
	Waterford Camera Switches			
	C9300 24/24-Port			
	Camera Switches (Incl. Stack Mod and Dual Pwr)			
1	C9300-48P-E	Catalyst 9300 48-port PoE+, Network Essentials	5,691.54	5,691.54
1	C9300-NW-E-48	C9300 Network Essentials, 48-port license		
1	SC9300UK9-176	Cisco Catalyst 9300 XE 17.6 UNIVERSAL UNIVERSAL		
1	PWR-C1-715WAC-P	715W AC 80+ platinum Config 1 Power Supply		
1	PWR-C1-715WAC-P/2	715W AC 80+ platinum Config 1 SecondaryPower Supply	878.47	878.47
2	CAB-TA-NA	North America AC Type A Power Cable		
1	C9300-SSD-NONE	No SSD Card Selected		
1	STACK-T1-50CM	50CM Type 1 Stacking Cable	70.28	70.28
1	CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM	66.76	66.76
1	C9300-DNA-E-48	C9300 DNA Essentials, 48-Port Term Licenses		
1	C9300-DNA-E-48-3Y	C9300 DNA Essentials, 48-port - 3 Year Term License	631.25	631.25
1	C9300-NM-8X	Catalyst 9300 8 x 10GE Network Module	1,437.21	1,437.21
1	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment		
2	C9300-24P-E	Catalyst 9300 24-port PoE+, Network Essentials	3,369.32	6,738.64
2	C9300-NW-E-24	C9300 Network Essentials, 24-port license		
2	SC9300UK9-176	Cisco Catalyst 9300 XE 17.6 UNIVERSAL UNIVERSAL		
2	PWR-C1-715WAC-P	715W AC 80+ platinum Config 1 Power Supply		
2	PWR-C1-715WAC-P/2	715W AC 80+ platinum Config 1 SecondaryPower Supply	878.47	1,756.94
4	CAB-TA-NA	North America AC Type A Power Cable		
2	C9300-SSD-NONE	No SSD Card Selected		
2	STACK-T1-50CM	50CM Type 1 Stacking Cable	70.28	140.56
2	CAB-SPWR-30CM	Catalyst Stack Power Cable 30 CM	66.76	133.52
2	C9300-DNA-E-24	C9300 DNA Essentials, 24-Port Term Licenses		
2	C9300-DNA-E-24-3Y	C9300 DNA Essentials, 24-Port, 3 Year Term License	343.80	687.60
2	C9300-NM-8X	Catalyst 9300 8 x 10GE Network Module	1,437.21	2,874.42
2	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment		
	C9200L 24/48-Port Camera Switches			
12	C9200L-24P-4X-E	Catalyst 9200L 24-port PoE+, 4 x 10G, Network Essentials	1,833.04	21,996.48
12	C9200L-NW-E-24	C9200L Network Essentials, 24-port license		
12	CAB-TA-NA	North America AC Type A Power Cable		
12	PWR-C5-BLANK	Config 5 Power Supply Blank		
24	C9200-STACK-BLANK	Catalyst 9200 Blank Stack Module		
12	C9200L-DNA-E-24	C9200L Cisco DNA Essentials, 24-port Term license		
12	C9200L-DNA-E-24-3Y	C9200L Cisco DNA Essentials, 24-port, 3 Year Term license	390.68	4,688.16
12	NETWORK-PNP-NONE	Network Plug-n-Play Opt Out SKU		
5	C9200L-48P-4X-E	Catalyst 9200L 48-port PoE+, 4 x 10G, Network Essentials	3,163.78	15,818.90
5	C9200L-NW-E-48	C9200L Network Essentials, 48-port license		
5	CAB-TA-NA	North America AC Type A Power Cable		
5	PWR-C5-BLANK	Config 5 Power Supply Blank		
10	C9200-STACK-BLANK	Catalyst 9200 Blank Stack Module		
5	C9200L-DNA-E-48	C9200L Cisco DNA Essentials, 48-port Term license		
5	C9200L-DNA-E-48-3Y	C9200L Cisco DNA Essentials, 48-port, 3 Year Term license	717.32	3,586.60
5	NETWORK-PNP-NONE	Network Plug-n-Play Opt Out SKU		
	C9200CX Camera Switch			
1	C9200CX-12P-2X2G-E	Catalyst 9000 Compact Switch 12-Port PoE+, 240W, Essentials	1,072.62	1,072.62

1	C9200CX-NW-E-12	C9200CX Network Essentials, 12-port license	-	-
1	CAB-TA-NA	North America AC Type A Power Cable	-	-
1	SCAT9200CXUK9-179	Cisco Catalyst 9200CX XE 17.9 UNIVERSAL	-	-
1	C9200CX-DNA-E-12	C9200CX Cisco DNA Essentials, 12-Port Term Licenses	-	-
1	C9200CX-DNAE12-3Y	C9200CX Cisco DNA Essentials, 3Y Term License, 12P	148.53	148.53
1	NETWORK-PNP-LIC	Network Plug-n-Play Connect for zero-touch device deployment	-	-
1	RACKMNT-19-CMPACT	19 in Rackmount for 9200CX switches	52.71	52.71
1	C9200L - Stack Mods		-	-
2	C9200L-STACK-KIT=	Cisco Catalyst 9200L Stack Module	902.67	1,805.34
2	STACK-T4-50CM	50CM Type 4 Stacking Cable	-	-
4	C9200-STACK	Catalyst 9200 Stack Module	-	-
	C9200L (not for C9200CX) - Optional 2nd PS		-	-
17	PWR-C5-600WAC=	600W AC Config 5 Power Supply	1,676.68	28,503.56
17	CAB-TA-NA	North America AC Type A Power Cable	-	-
	Cisco Transceivers (1GB and 10GB Multimode SFP/SFP+)		-	-
25	SFP-10G-SR-S=	10GBASE-SR SFP Module, Enterprise-Class	308.94	7,723.50
4	GLC-SX-MMD=	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM	255.86	1,023.44
1	Fiber Patch Cords		-	-
2	TPATCH-LCLC-01	1M LC-LC OM4 40G 50/125 Multimode Fiber Duplex Patch	4.81	9.62
1	TPATCH-LCLC-02	2M LC-LC OM4 40G 50/125 Multimode Fiber Duplex Patch	5.99	5.99
26	TPATCH-LCLC-03	3M LC-LC OM4 40G 50/125 Multimode Fiber Duplex Patch	7.16	186.16

PROJECT SUMMARY

Material Summary	107,728.80
Labor Summary	9,500.00
Subtotal	117,228.80
Total Customer Price	117,228.80

- * All work to be performed during normal business hours Monday through Friday between 8:00am and 5:00pm unless otherwise specified.
- * Additional taxes may apply to both upfront and monthly charges and vary by location.



A quote for your consideration

Based on your business needs, we put the following quote together to help with your purchase decision. Below is a detailed summary of the quote we've created to help you with your purchase decision.

To proceed with this quote, you may respond to this email, order online through your **Premier page**, or, if you do not have Premier, use this **Quote to Order**.

Quote No.	3000158205095.1	Sales Rep	William Pedace
Total	\$26,021.58	Phone	(800) 456-3355, 6182498
Customer #	97884266	Email	William_Pedace@Dell.com
Quoted On	Aug. 08, 2023	Billing To	ACCOUNTS PAYABLE
Expires by	Sep. 07, 2023		CT-L TOWN OF WATERFORD
	Dell National Cooperative		15 ROPE FERRY RD
Contract Name	Purchasing Alliance-NCPA		WATERFORD, CT 06385
	Master Agreement		
Contract Code	C000000005600		
Customer Agreement #	NCPA 01-42		
Deal ID	25736196		

Message from your Sales Rep

All Orders are now being processed thru Self-Checkout-Online. Simple, Fast, and Secure. -Log into Premier Portal to place your order. If you do not have one, ask me how you can get a personal page. -If your Premier Page has not been set up yet, you can click and process your order at www.dell.com/qto and choose 'Checkout as a Guest'

Regards,
William Pedace

Shipping Group

Shipping To	Shipping Method
WATERFORD TOWN HALL CT-L TOWN OF WATERFORD 15 ROPE FERRY RD WATERFORD, CT 06385-2886 (860) 442-0553	Standard Delivery

Product	Unit Price	Quantity	Subtotal
Precision 3660 Tower	\$1,979.28	13	\$25,730.64
VisionTek Mini DisplayPort to DisplayPort 2M Cable (M/M)	\$11.19	26	\$290.94

Subtotal:	\$26,021.58
Shipping:	\$0.00
Non-Taxable Amount:	\$26,021.58
Taxable Amount:	\$0.00
Estimated Tax:	\$0.00
Total:	\$26,021.58

Shipping Group Details

Shipping To

WATERFORD TOWN HALL
CT-L TOWN OF WATERFORD
15 ROPE FERRY RD
WATERFORD, CT 06385-2886
(860) 442-0553

Shipping Method

Standard Delivery

	Quantity	Subtotal
Precision 3660 Tower		
Estimated delivery if purchased today:		
Aug. 14, 2023		
Contract # C000000005600		
Customer Agreement # NCPA 01-42		
	\$1,979.28	13
		\$25,730.64

Description	SKU	Unit Price	Quantity	Subtotal
Precision 3660 Tower BTX BASE	210-BCUQ	-	13	-
13th Generation Intel Core i7-13700 (30MB Cache, 16 Core (8+8), 2.1GHz to 5.2GHz (65W)) TDP	338-CKHZ	-	13	-
VR Heatsink	412-ABBQ	-	13	-
Windows 11 Pro, English, French, Spanish	619-AQLP	-	13	-
No Microsoft Office License Included	658-BCSB	-	13	-
Nvidia RTX A2000 12GB, 12GB, 4 mDP (Precision 3660)	490-BHXF	-	13	-
32GB, 2x16GB, DDR5 up to 4400MHz UDIMM non-ECC memory	370-AGYF	-	13	-
No Hard Drive	400-AKZR	-	13	-
Dell KB216 Wired Keyboard English	580-ADJC	-	13	-
Intel ME vPRO	631-ADHW	-	13	-
ENERGY STAR Qualified	387-BBLW	-	13	-
EPEAT 2018 Registered (Gold)	379-BDZB	-	13	-
System Power Cord C13 (US 125V, 15A)	450-AH DU	-	13	-
Dell Optical Mouse - MS116 (Black)	570-ABIE	-	13	-
Print on Demand Label	389-BDQH	-	13	-
SHIP,PWS,LNK,NO,NO,AMF	340-CBUU	-	13	-
Ship material - EPEAT Certification	340-CZQO	-	13	-
Fixed Hardware Configuration	998-GCQC	-	13	-
Intel Core i7 vPro Enterprise Processor Label	389-EDDR	-	13	-
SupportAssist	525-BBCL	-	13	-
Dell(TM) Digital Delivery Cirrus Client	640-BBLW	-	13	-
Dell Optimizer for Precision	640-BBSC	-	13	-
Dell Premier Color 6.1	640-BBSN	-	13	-
Dell Client System Update (Updates latest Dell Recommended BIOS, Drivers, Firmware and Apps)	658-BBMR	-	13	-
Waves Maxx Audio	658-BBRB	-	13	-
Dell SupportAssist OS Recovery Tool	658-BEOK	-	13	-
Quick Setup Guide, Precision 3660	340-CYVU	-	13	-
No Additional Network Card Selected (Integrated NIC included)	555-BBJO	-	13	-
8x DVD+/-RW 9.5mm Optical Disk Drive	429-ABDW	-	13	-

Bezel ODD	429-ABMR	-	13	-
Internal Speaker for Precision 3660	520-AAVW	-	13	-
No Hard Drive	400-AKZR	-	13	-
No Hard Drive	400-AKZR	-	13	-
512GB PCIe NVMe Class 40 M.2 SSD	400-BNGP	-	13	-
Thermal Pad 3660	412-AAZW	-	13	-
Precision 3660 Tower with 500W (80 Plus Platinum) PSU, RPL and ADL Compatible	321-BJJK	-	13	-
No Hard Drive	400-AKZR	-	13	-
C1 M.2 SSD Boot + SSD	449-BBXF	-	13	-
Dell Precision TPM	340-ACBY	-	13	-
No External ODD	429-ABGY	-	13	-
Standard CPU Air Cooler	412-ABBU	-	13	-
CMS Essentials DVD no Media	658-BBTV	-	13	-
No Hard Drive	400-AKZR	-	13	-
500W Platinum PSU Label	389-EDFT	-	13	-
No SATA RAID	780-BBCJ	-	13	-
Dell Limited Hardware Warranty Plus Service	997-2808	-	13	-
ProSupport Plus: 7x24 Technical Support, 5 Years	997-2861	-	13	-
ProSupport Plus: Keep Your Hard Drive, 5 Years	997-2870	-	13	-
ProSupport Plus: Accidental Damage Service, 5 Years	997-2879	-	13	-
ProSupport Plus: Next Business Day Onsite, 5 Years	997-6822	-	13	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit www.dell.com/contactdell or call 1-866-516-3115	997-8367	-	13	-
Intel Rapid Storage Technology Driver, Precision 3660T	409-BCWP	-	13	-

Quantity Subtotal

VisionTek Mini DisplayPort to DisplayPort 2M Cable (M/M) \$11.19 26 \$290.94

Estimated delivery if purchased today:

Aug. 16, 2023

Contract # C000000005600

Customer Agreement # NCPA 01-42

Description	SKU	Unit Price	Quantity	Subtotal
VisionTek Mini DisplayPort to DisplayPort 2M Cable (M/M)	AA419441	-	26	-

Subtotal: \$26,021.58

Shipping: \$0.00

Estimated Tax: \$0.00

Total: \$26,021.58

Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All product, pricing and other information is based on the latest information available and is subject to change. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.dell.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringspecificterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.

***DELL BUSINESS CREDIT (DBC):** Offered to business customers by WebBank, who determines qualifications for and terms of credit. Taxes, shipping and other charges are extra and vary. The Total Minimum Payment Due is the greater of either \$20 or 3% of the New Balance shown on the statement rounded up to the next dollar, plus all past due amounts. Dell and the Dell logo are trademarks of Dell Inc.



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QUOTE CONFIRMATION

JEFFREY ROBILLARD,

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

Convert Quote to Order

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
NMKB350	8/4/2023	VIEWSONIC MONITORS	0343169	\$8,228.66

QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
ViewSonic VX3276-4K-MHD 32" 4K UHD Thin-Bezel Monitor with HDMI	26	5637695	\$297.59	\$7,737.34
Mfg. Part#: VX3276-4K-MHD				
UNSPSC: 43211902				
Contract: Sourcewell 081419-CDW Tech Catalog (081419#CDW)				

SUBTOTAL	\$7,737.34
SHIPPING	\$0.00
SALES TAX	\$491.32
GRAND TOTAL	\$8,228.66

PURCHASER BILLING INFO

Billing Address:
TOWN OF WATERFORD
ACCOUNTS PAYABL
15 ROPE FERRY RD
WATERFORD, CT 06385-2886
Phone: (860) 442-0553
Payment Terms: Net 30 Days-Govt State/Local

DELIVER TO

Shipping Address:
TOWN OF WATERFORD
JEFFREY ROBILLARD
15 ROPE FERRY RD
WATERFORD, CT 06385-2886
Phone: (860) 442-0553
Shipping Method: UPS Ground (2- 3 Day)

Please remit payments to:

CDW Government
75 Remittance Drive
Suite 1515
Chicago, IL 60675-1515



Sales Contact Info

Zach Kozlowski | (866) 291-3445 | zach.kozlowski@cdw.com

LEASE OPTIONS

FMV TOTAL	FMV LEASE OPTION	BO TOTAL	BO LEASE OPTION
\$7,737.34	\$217.34/Month	\$7,737.34	\$248.29/Month

Monthly payment based on 36 month lease. Other terms and options are available. Contact your Account Manager for details. Payment quoted is subject to change.

Why finance?

- **Lower Upfront Costs.** Get the products you need without impacting cash flow. Preserve your working capital and existing credit line.
- **Flexible Payment Terms.** 100% financing with no money down, payment deferrals and payment schedules that match your company's business cycles.
- **Predictable, Low Monthly Payments.** Pay over time. Lease payments are fixed and can be tailored to your budget levels or revenue streams.
- **Technology Refresh.** Keep current technology with minimal financial impact or risk. Add-on or upgrade during the lease term and choose to return or purchase the equipment at end of lease.
- **Bundle Costs.** You can combine hardware, software, and services into a single transaction and pay for your software licenses over time! We know your challenges and understand the need for flexibility.

General Terms and Conditions:

This quote is not legally binding and is for discussion purposes only. The rates are estimate only and are based on a collection of industry data from numerous sources. All rates and financial quotes are subject to final review, approval, and documentation by our leasing partners. Payments above exclude all applicable taxes. Financing is subject to credit approval and review of final equipment and services configuration. Fair Market Value leases are structured with the assumption that the equipment has a residual value at the end of the lease term.

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This order is subject to CDW's Terms and Conditions of Sales and Service Projects at

<http://www.cdw.com/content/terms-conditions/product-sales.aspx>

For more information, contact a CDW account manager

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Fencing

	Intent	Linear Ft	\$ - Ft Material	\$ - Ft Installation	Potential cost
Oswegatchie	Full enclosure of all fields	700		17.33	28,231
Quaker Hill	Limiting egress to parking lot	175		17.33	7,058
Great Neck	Limiting egress to parking lot	275		17.33	11,091
	Total	1,150			46,380

Bollards

	Intent	Linear Ft	Number of Bollards	Cost Per	Potential cost
Oswegatchie	Limiting egress	60	15	500	7,500
Quaker Hill	Limiting egress	60	15	500	7,500
Great Neck	Limiting egress	90	23	500	11,250
Clark Lane	Limiting egress	120	30	500	15,000
WHS	Limiting egress	80	20	500	10,000
	Total	410	103		51,250
Total security improvements					97,630

Bollards / Bollard: 4 in Outside Dia., 48 1/2 in...



**Bollard: 4 in Outside Dia., 48
1/2 in Finished Ht, 48 1/2 in
Overall Ht, Dome, Yellow**

Item 31EX20 Mfr. Model 4"X36"EMB

Web Price 
\$420.46 / each

Qty
1

Add to Cart

☒ Ship

☐ Pickup

Expected to arrive Thu. Jun 22
- Fri. Jun 23.

Ship to 20146 | [Change](#)

☐ Compare

Shipping Weight 45 lbs

[Ship Availability Terms](#)

Product Details [Catalog Page N/A](#)

[Add to List](#)

Bollard Item Bollard

Bollard Function Fixed

Mounting Surface Concrete

Bollard Color Yellow

Overall Height 48-1/2 in

Bollard Material Carbon Steel

Cap Shape Dome

Lighted No

Locking System None

Outside Dia. 4 in

Finished Height 48-1/2 in

Net Weight 45 lb

Wall Thickness 0.237 in

Finish Powder Coated

Bollard Shape Round

Installation Depth 12 in

Bollard Striping No

Country of Origin USA (subject to change)

Product Description

Fixed carbon steel bollards create a visual deterrent to protect pedestrians, equipment, or property. They mount on concrete or hard surfaces along walkways, streets, or parking lots to help control traffic. Carbon steel is strong and can be galvanized, primed for painting, and powder coated.



Town of Waterford
Jeff Robillard - IT Manager
11/29/2022

Re: Waterford High School & Clark Lane Middle School - NEW Main signs at each school

After conducting an initial survey of each school's current main signs, both are showing their age, approx 15+ years, both structures would need extensive retro-fitting to be able to fit the current dimensions of the available displays, with the High School being the worst, along with the less than secure ground support.

It's my believe that it would be more cost effective to replace both schools with the same identical message display center, same software, configuration etc.

Both would be ALL NEW from "under the ground up" with the difference being that the copy would change for the "Middle School" text along with the lower sign copy as well, if desired.

"Ballpark estimate" would include the removal of the current signs at each school.

Create a new v-carved top school sign and add an electronic message sign with two aluminum posts at approx. the same location as current school signs.

See attached designs as an example of the possible end result.

Many factors could change the overall final costs, existing power is available at both locations. Landscaping below sign could be included or upgrade to a decorative block flower box as well, (maybe best suited for the High School location if desired).

Posts would be 6 x 6 white aluminum powder coated with matching caps, direct bury installation. Top School Sign would be v-carved from 3" thick HDU (High Density Urethane) finished in several colors, double sided @ 47.5" x 90" shown with the "W" logo.

The message display if manufactured by Daktronics and is their GT6x Series @ 50" x 90"
2 displays back to back - RGB - 10mm, capable of multi colored messages in several lines of copy. Also can display full color photos or video as well.

Ballpark Cost would also include all design services, all materials, labor, electrical connection, cement, hardware, and complete installation.

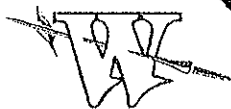
Ballpark Cost

\$ 62 - 66k each school

Thanks for the opportunity to quote this project for you!

John Wilson - Sign Craft

Sign Craft 5 Black Point Road (860) 739-2863 Niantic, CT 06357
SIGNCRAFTSIGNS.COM info@signcraftsigns.com



Clark Lane Middle School

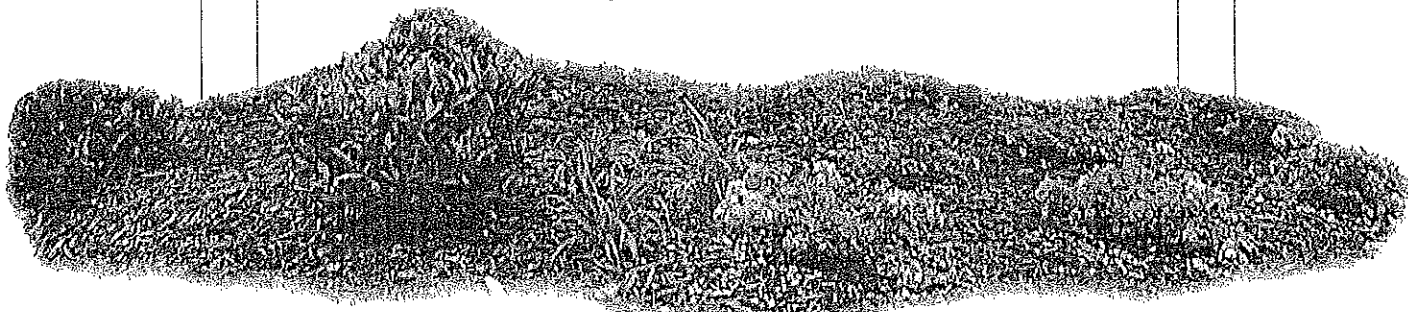


Home of CLMS Lancers!

50" high x 90" wide | Daktronics 10mm - GT6x Series
Double Sided - Full Color | Electronic Message Center

Top Sign 47.5" x 90" x 3"
Double Sided - V-Carved Sign

Bottom Sign 15 x 96 double sided



ALL DESIGNS ARE THE PROPERTY OF SIGN CRAFT, & CANNOT BE USED, REPRODUCED IN ANY FORM, WITHOUT PURCHASE OR CONSENT.

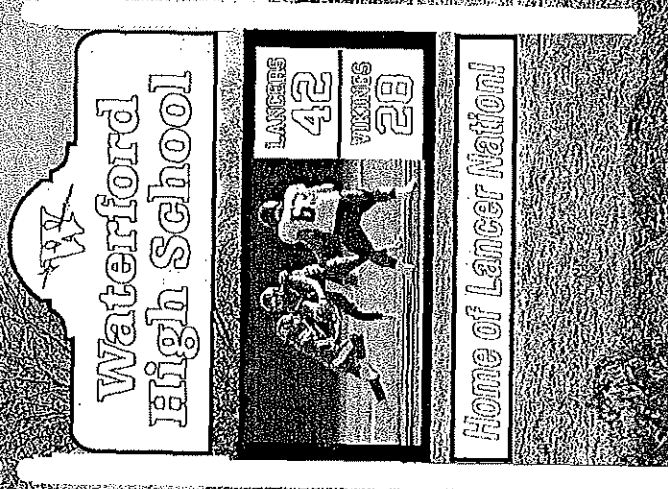
SIGNcraft
BETTER by DESIGN

John & Jill Wilson
FIVE BLACK POINT ROAD NIAHTIC, CT 06357
(860) 739-2863 info@signcraftsigns.com
SIGNCRAFTSIGNS.COM



Waterford High School

50" high x 90" wide | Daktronics 10mm - GT6x Series
Double Sided - Full Color | Electronic Message Center



SIGNcraft
BETTER BY DESIGN

John & Jill Wilson

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